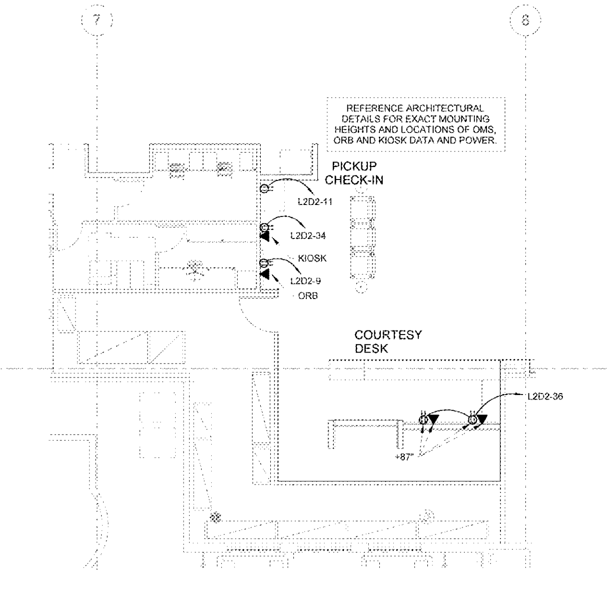

5 CUSTOMER SERVICE POWER PLAN
1/8" = 1'-0"

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

ROUTE POWER AND DATA/VOICE CONDUITS FROM STRUCTURE ABOVE DOWN TO THE PHOTO LAB COUNTERS THROUGH POWER POLE WHEN PHOTO LAB IS LOCATED ON THE SALES FLOOR.

CONTRACTOR TO PURCHASE AND INSTALL NEW STARLINE BUS CIRCUIT BREAKER PLUG-IN UNITS AS REQUIRED.

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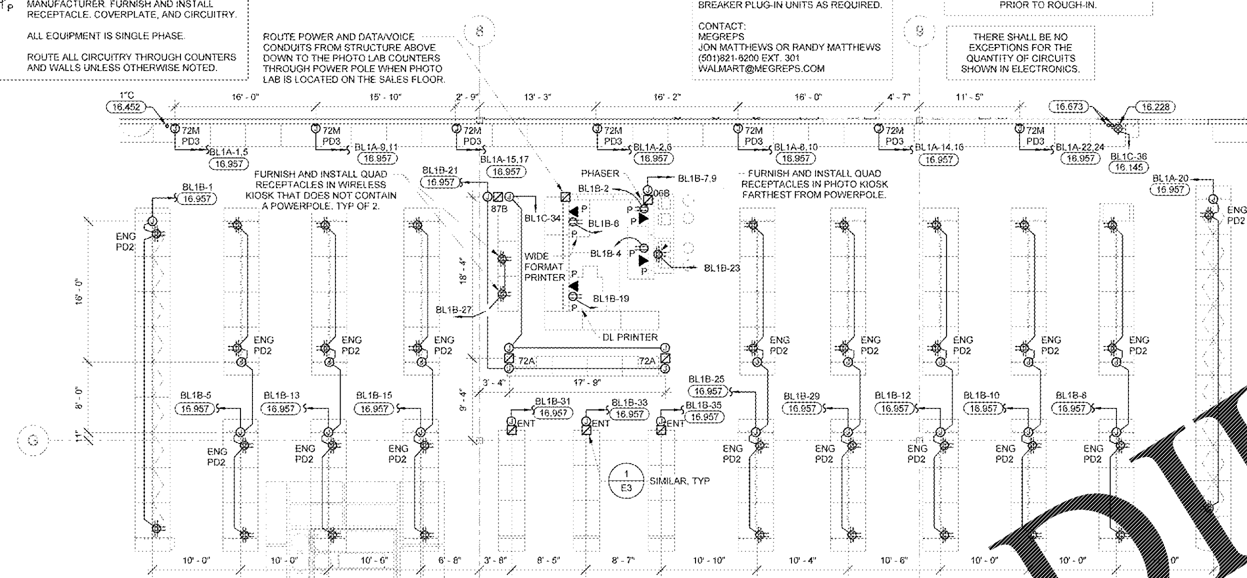
VERIFY EXACT LAYOUT OF ELECTRONICS AREA WITH FINAL MERCHANDISE PLAN PRIOR TO ROUGH-IN.

THERE SHALL BE NO EXCEPTIONS FOR THE QUANTITY OF CIRCUITS SHOWN IN ELECTRONICS.



4 ENTERTAINMENT POWER PLAN
1/8" = 1'-0"

KEYNOTES

16.131	CONNECT TO EXISTING CIRCUIT. EC SHALL VERIFY PRIOR TO ROUGH-IN THAT EXISTING CIRCUIT HAS SPARE CAPACITY TO ACCOMMODATE ADDITIONAL LOAD.
16.145	CONNECT TO EXISTING BRANCH CIRCUIT. VERIFY PRIOR TO ROUGH- IN THAT EXISTING CIRCUIT HAS CAPACITY TO ACCOMMODATE NEW LOAD. VERIFY CONDITION OF BRANCH CIRCUIT, CONDUIT AND WIRE PRIOR TO USE TO INSURE THAT THEY MEET ALL U.L. RATINGS AND REPLACE AS REQUIRED.
16.228	INSTALL RECEPTACLE IN UPPER RIGHT HAND CORNER OF PROVIDED DATA ENCLOSURE.
16.451	PROVIDE EMT WITH PROPERLY INSTALLED COMPRESSION OR SET-SCREW TYPE FITTINGS AND AN INSULATED GROUND CONDUCTOR F[illegible] ALL RACEWAYS SERVING THIS ROOM TO COMPLY WITH NEC, HEALTH CARE FACILITIES.
16.452	SOUND SYSTEM CONDUIT: ST[illegible] (WITH PULL WIRE) FROM BELOW S[illegible] BAR JOIST. PROVIDE BUS[illegible] AT EACH [illegible]
16.498	FURNISH AND INSTALL NE[illegible] 20 AMP, 120 V[illegible] CIRCUIT(S). FEED FROM [illegible]ELBOARD AS INDICATED [illegible] APP[illegible]ED AND LISTED HANDLE[illegible] BE[illegible]EN CI[illegible] BREAKERS F[illegible] SIMUL[illegible]NEOUS DISCONNE[illegible] PROVIDE 20A[illegible] CIRCU[illegible] BREAKER IF NEEDED[illegible] MANU[illegible]CTURER. TYPE AND AIC [illegible] OF EXIST[illegible] CIRCUIT BREAKERS. E.C. SHALL VERIFY [illegible]OR TO ROUG[illegible]N THAT EXISTING PANEL[illegible] HAS SPA[illegible] CAPACITY TO ACCOMM[illegible]NAL LOAD.
16.673	CONDUIT SLEEVE: PROVIDE (2) 1-1/2" CONDUITS (WITH PULL WIRE) FROM BAR JOIST TO PR[illegible]ED DATA ENCLOSURE AND TERMINATE WI[illegible]SHINGS.
16.770	EC SHALL DISCONNECT, EXTEND, AND RECONNECT ALL ELECTRICAL CIRCUITRY. LABEL ALL ASSOCIATED PANELBOARD SCHEDULES TO REFLECT SYSTEM NUMBERS AND LOAD DESCRIPTION. VERIFY CONDITION OF BRANCH CIRCUIT, CONDUIT, AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET ALL U.L. RATINGS AND REPLACE AS REQUIRED. COORDINATE THIS PROCESS WITH CONSTRUCTION MANAGER TO MINIMIZE DOWNTIME.
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.
16.W13	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.
16.W71	VOICE/DATA: FURNISH AND INSTALL AN OUTLET BOX WITH COVER AT EACH LOCATION SHOWN, AND 3/4" CONDUIT WITH PULL WIRE, FROM EACH BOX TO BAR JOISTS. PROVIDE BUSHING ON END OF CONDUIT AT BAR JOISTS. DO NOT COMBINE CONDUIT INTO ONE DROP WITH CONDUIT ROUTED FROM BOX-TO- BOX. INSTALL INDIVIDUAL CONDUIT TO EACH BOX.

BRANCH CIRCUITRY AT FRONT COUNTE[illegible] RUN THROUGH SIDEWA[illegible] COORDINATE [illegible] MOUNTING WITH J[illegible]BOXES PRE IN[illegible]

[illegible]ELECTRICAL [illegible]NTRACTOR TO CO[illegible] WITH GENERAL CO[illegible]RACTOR ON ACTUAL [illegible] OF PHARMACY [illegible]NSTRUCTION. REUSE E[illegible]NG [illegible]TER BRANC[illegible] CIRCUITRY AS MUCH AS P[illegible]SIBLE.

ROUTE MANUFACTURER PROVIDED WHIP THROUGH WALL PENETRATION AT 2'-4" AFF TO EC INSTALLED JUNCTION BOX LOCATED IN WALL ABOVE CEILING. CONNECT TO CIRCUITRY AS SHOWN. TYP OF 2.

PROVIDE 2" CONDUIT WITH PU[illegible] IN WALL FROM EC IN[illegible]LED JUNCT[illegible] MOUNTED 2'-6" AFF T[illegible] ABOVE ACCES[illegible] CEILING SPA[illegible]. TYP OF 2.

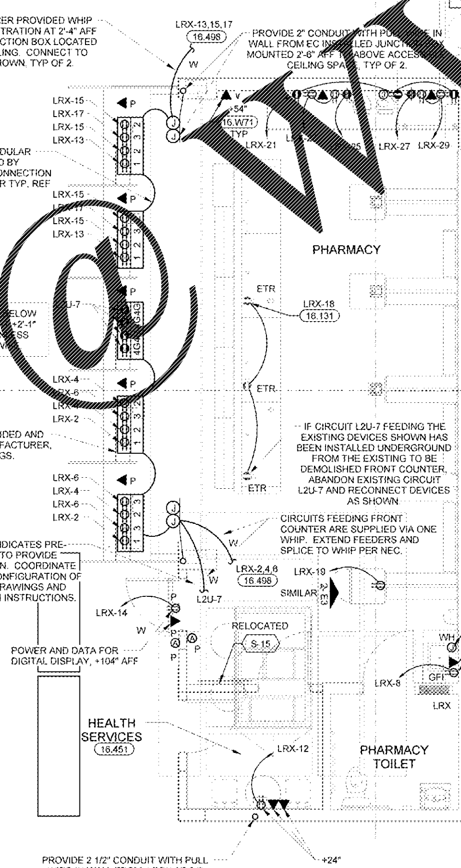
WIRING BETWEEN MODULAR OUTLETS PROVIDED BY MANUFACTURER, FINAL CONNECTION BY GENERAL CONTRACTOR TYP. REF ARCH DWGS.

ALL RECEPTACLES [illegible]ELOW FRONT COUNTER A[illegible] +2'-1" AND DATA 1'-6" UN[illegible]ESS NOTED OTHERW[illegible]

MODULAR OUTL[illegible]S PROVIDED AND INSTALLED BY PAN[illegible]L MANUFACTURER, TYP. RE[illegible]RCH DWGS.

CIRCUITRY NOTED WITH "W" INDICATES PRE-MANUFACTURED WHIP. E.C. TO PROVIDE CONNECTION TO WHIP AS SHOWN. COORDINATE EXACT LOCATION AND CIRCUIT CONFIGURATION OF WHIP WITH ARCHITECTURAL DRAWINGS AND MANUFACTURER'S INSTALLATION INSTRUCTIONS.

POWER AND DATA FOR DIGITAL DISPLAY, +104" AFF



PROVIDE 2 1/2" CONDUIT WITH PULL WIRE IN WALL FROM J-BOX AT 24" AFF TO ABOVE ACCESSIBLE CEILING FOR MONITOR AND KEYBOARD CABLE. TERMINATE BOTH ENDS WITH BUSHINGS.

2 PHARMACY POWER PLAN
1/4" = 1'-0"

[illegible]END FOR MODULAR [illegible]MPONENTS

- MO[illegible]LAR POWER DISTRIBUTION SYST[illegible]M FURNISHED BY OWNER, INSTALLED BY E.C.
- VOICE/DATA BOX PRE-INSTALLED BY MODULAR MANUFACTURER.
- OUTLET, BOX, AND WIRING BETWEEN DEVICES PRE-INSTALLED BY MODULAR MANUFACTURER. E.C. TO MAKE FINAL CONNECTION AS REQUIRED.
- ALARM SYSTEM JUNCTION BOX PRE-INSTALLED BY MODULAR MANUFACTURER.

RECEPTACLE INSTALLED IN POWER STRIP
POWER STRIP
1 2 4G 3
NUMBER INDICATES PIN LOCATION ON REAR OF RECEPTACLE, THIS DENOTES WHICH CIRCUIT THE RECEPTACLE IS ATTACHED TO.

AMPINNERGY MODULAR POWER DISTRIBUTION MANUFACTURED BY COMMSCOPE. REFER TO MANUFACTURER'S INSTRUCTIONS FOR PROPER MOUNTING.

OWNER FURNISHED MODULAR POWER DISTRIBUTION INCLUDES ALL REQUIRED LINE ENTRY CABLES, POWER-TO-POWER CABLE ASSEMBLIES, POWER DISTRIBUTION MODULES, POWER STRIPS AND OUTLETS.

IF ALL POWER IS SHOWN FROM ONE SIDE OF COUNTER AND UTILIZES ONLY THREE NON-UPS CIRCUITS, USE ADDITIONAL WHIP TO SPAN ACROSS CENTER SECTION TO MAINTAIN POWER TO ALL OTHER SECTIONS OF MODULAR POWER.

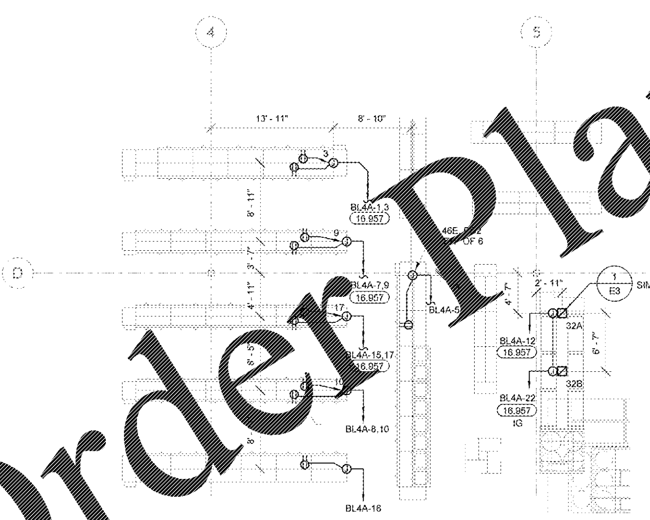
PHARMACY REFRIGERATION SYSTEMS TO REMAIN ENERGIZED DURING ALL PHASES OF CONSTRUCTION.

ELECTRICAL CONTRACTOR TO VERIFY PROPER WHIP LENGTH PRIOR TO INSTALLATION AND CONNECTION TO PANELBOARD.

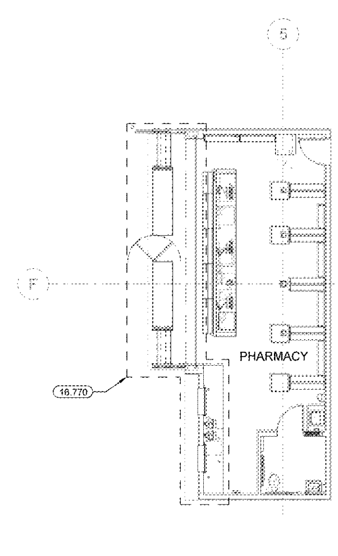
WHEN MAKING FINAL CONNECTIONS, ELECTRICAL CONTRACTOR TO CONNECT DEVICES TO MODULAR POWER IN THAT SECTION OF COUNTER ONLY. DO NOT CONNECT TO OTHER SECTIONS OF FRONT COUNTER.

PROVIDE LISTED HANDLE-TIE BETWEEN FRONT COUNTER CIRCUIT BREAKERS THAT SHARE COMMON NEUTRAL FOR SIMULTANEOUS TRIP.

ELECTRICAL CONTRACTOR TO WIRE WHIP'S WITH 3 CIRCUITS TO LINE 1, LINE 2, LINE 3, NEUTRAL AND GROUND.



3 COSMETICS POWER PLAN
1/8" = 1'-0"



1 PHARMACY POWER DEMO PLAN
1/8" = 1'-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 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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ENLARGED POWER PLANS

SHEET: E2.3

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