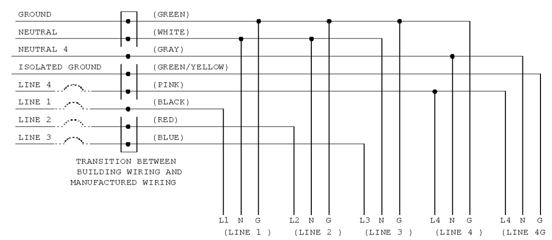
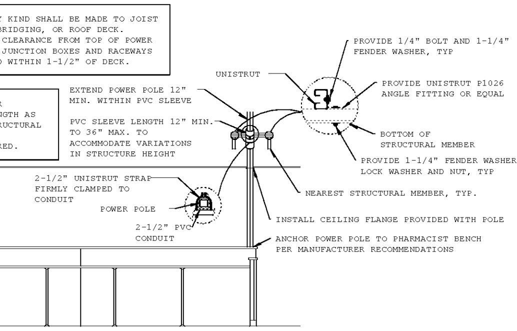


7 MODULAR POWER WIRING DIAGRAM
1/4" = 1'-0"

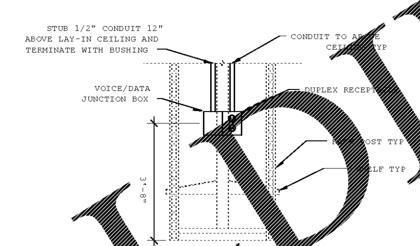
PHARMACIST BENCH POWER POLE CAN BE MOUNTED AT EITHER END OF BENCH. COORDINATE WITH POWER PLAN FOR CORRECT LOCATION.

NO CONNECTION OF ANY KIND SHALL BE MADE TO JOIST WEB MEMBERS, JOIST BRIDGING, OR ROOF DECK. MAINTAIN MINIMUM 6" CLEARANCE FROM TOP OF POWER POLE TO ROOF DECK. JUNCTION BOXES AND RACEWAYS SHALL NOT BE MOUNTED WITHIN 1-1/2" OF DECK.

PROVIDE UNISTRUT PER SPECIFICATIONS. LENGTH AS REQUIRED TO SPAN STRUCTURAL MEMBERS. SECURE TO STRUCTURAL AS REQUIRED.



6 PHARMACIST BENCH POWER POLE
1/4" = 1'-0"



5 PHARMACY RACK POWER
12" = 1'-0"

HEALTH SERVICES RECEPTACLES, SWITCHES, DATA BOXES AND THEIR CORRESPONDING COVER PLATES SHALL BE WHITE NYLON.

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

BRANCH CIRCUITRY AT FRONT COUNTER TO BE RUN THROUGH SIDEWALLS. COORDINATE DEVICE MOUNTING WITH JUNCTION BOXES PRE INSTALLED IN PANELS.

ELECTRICAL CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR ON ACTUAL PHASING OF PHARMACY CONSTRUCTION. REUSE EXISTING COUNTER BRANCH CIRCUITRY AS MUCH AS POSSIBLE.

ELECTRICAL CONTRACTOR TO RELOCATE ALL DRIVE THRU EQUIPMENT POWER AND DATA AS REQUIRED. COORDINATE WITH GENERAL CONTRACTOR AND CONSTRUCTION MANAGER.

ELECTRICAL CONTRACTOR TO WIRE WHIP'S WITH 4 CIRCUITS TO LINE 1, LINE 2, LINE 3, NEUTRAL AND GROUND. UPS CIRCUIT WIRED TO LINE 4, NEUTRAL 4 AND ISOLATED GROUND.

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.

LEGEND FOR MODULAR COMPONENTS

- (1 3 2 3) MODULAR POWER DISTRIBUTION SYSTEM FURNISHED BY OWNER, INSTALLED BY E.C.
- ▼P VOICE/DATA BOX PRE-INSTALLED BY MODULAR MANUFACTURER.
- P OUTLET, BOX, AND WIRING BETWEEN DEVICES PRE-INSTALLED BY MODULAR MANUFACTURER. E.C. TO MAKE FINAL CONNECTION AS REQUIRED.
- (A)P ALARM SYSTEM JUNCTION BOX PRE-INSTALLED BY MODULAR MANUFACTURER.

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

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.

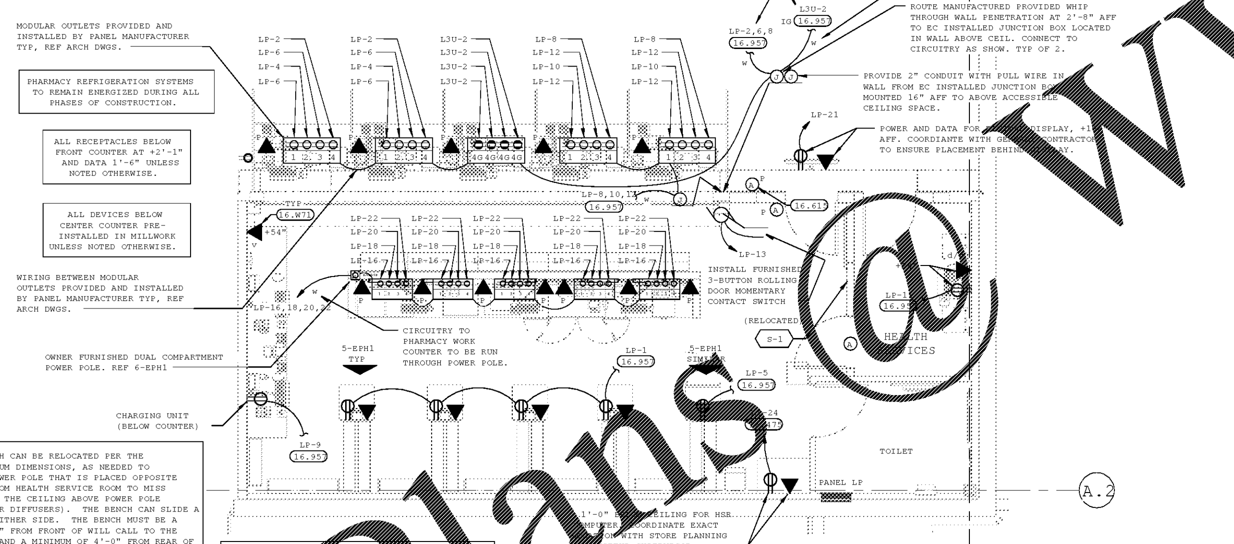
OWNER FURNISHED MODULAR POWER DISTRIBUTION INCLUDES ALL REQUIRED LINE ENTRY CABLES, POWER-TO-POWER CABLE ASSEMBLIES, POWER DISTRIBUTION MODULES, POWER STRIPS AND OUTLETS.

P $ / P $OS/D JUNCTION BOX FOR SWITCH PRE-INSTALLED BY MODULAR MANUFACTURER.

COORDINATE WITH GENERAL CONTRACTOR FOR PHARMACY DEMOLITION REQUIREMENTS.

RECIRCUIT EXISTING LIGHTING FIXTURES AS SHOWN BELOW AS REQUIRED.

COORDINATE AREA OF EXISTING CEILING GRID TO BE REPLACED WITH GENERAL CONTRACTOR. COORDINATE ANY REQUIRED ELECTRICAL WORK INCLUDING REMOVAL OF EXISTING FIXTURES. MAINTAIN EXISTING LAYOUT, CIRCUITRY, AND CONTROLS UNLESS OTHERWISE NOTED.

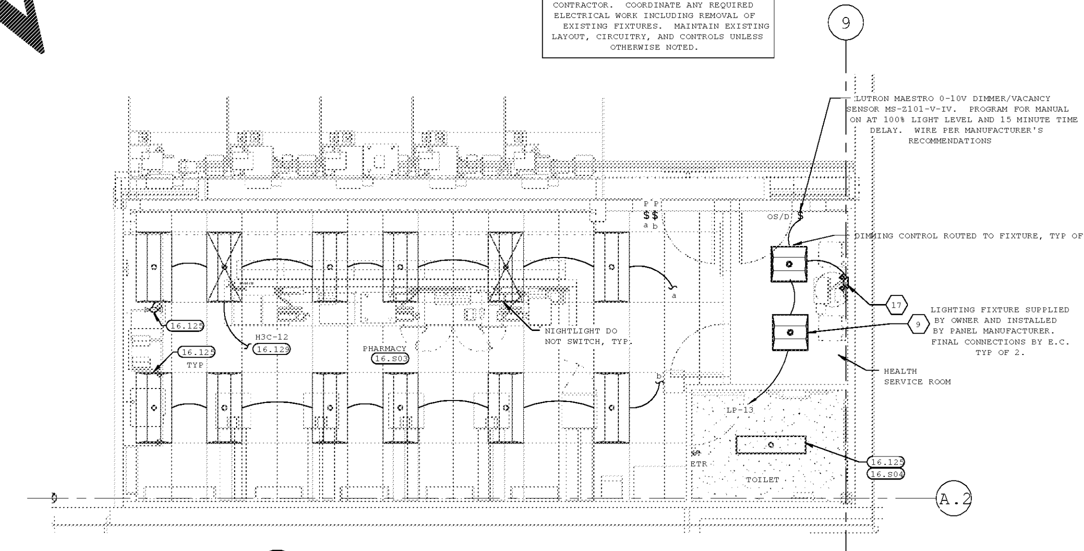


PHARMACIST BENCH CAN BE RELOCATED PER THE FOLLOWING MAXIMUM DIMENSIONS, AS NEEDED TO RELOCATE THE POWER POLE THAT IS PLACED OPPOSITE END OF BENCH FROM HEALTH SERVICE ROOM TO MISS OBSTRUCTIONS IN THE CEILING ABOVE POWER POLE (LIGHTING AND/OR DIFFUSERS). THE BENCH CAN SLIDE A MAXIMUM 6" TO EITHER SIDE. THE BENCH MUST BE A MINIMUM OF 3'-7" FROM FRONT OF WILL CALL TO THE FRONT COUNTER, AND A MINIMUM OF 4'-0" FROM REAR OF BENCH TO FILL POD. COORDINATE WITH GENERAL CONTRACTOR PRIOR TO PHARMACIST BENCH ANCHORING.

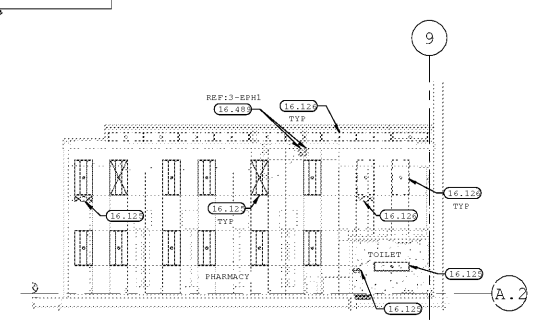
ELECTRICAL CONTRACTOR TO VERIFY PROPER WHIP LENGTH PRIOR TO INSTALLATION AND CONNECTION TO PANELBOARD.

ELECTRICAL CONTRACTOR TO INSTALL OWNER FURNISHED 50' WHIP. IF PANELBOARD BEING USED TO SERVE WHIP CIRCUITS IS MORE THAN 50' CIRCUIT LENGTH, ELECTRICAL CONTRACTOR TO SPLICE FEEDER TO WHIP PER NEC.

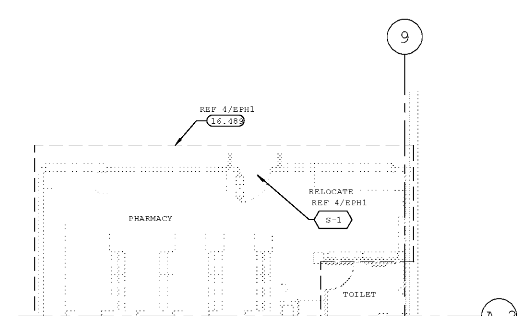
4 PHARMACY POWER PLAN
1/4" = 1'-0"



3 PHARMACY LIGHTING PLAN
1/4" = 1'-0"



2 PHARMACY LIGHTING DEMO PLAN
1/8" = 1'-0"



1 PHARMACY POWER DEMO PLAN
1/8" = 1'-0"

KEYNOTES

16.125 EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.

16.126 EXISTING LIGHT FIXTURE TO BE DEMOLISHED.

16.129 CONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING AREA LIGHTING THAT WAS REMOVED. MAINTAIN EXISTING CIRCUIT CONTROL UNLESS NOTED OTHERWISE. PROVIDE CONSTANT HOT FOR EMERGENCY EXIT AND LOCALLY CONTROLLED LIGHT FIXTURES.

16.475 FURNISH AND INSTALL NEW 20 AMP, 120 VOLT CIRCUIT(S). FEED FROM PANELBOARD AS INDICATED. PROVIDE 20A-1P 5mA GFCI CIRCUIT BREAKER FOR PERSONNEL PROTECTION. 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 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.

16.615 PROVIDE RECESSED MOUNTED SINGLE GANG JUNCTION BOX (OR VERTICAL RACEWAY) AT +48" AND 6" FROM DOOR FRAME.

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.S03 REPLACE ALL LIGHT LENSES WITH NEW PRISMATIC ACRYLIC LENS FOR ALL LAY-IN LIGHT FIXTURES IN THIS AREA.

16.S04 FURNISH AND INSTALL NEW TUBE GUARDS AND CAPS ON ALL EXPOSED LAMPS IN THIS AREA.

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 DROPS WITH CONDUIT ROUTED FROM BOX-TO-BOX. INSTALL INDIVIDUAL CONDUIT TO EACH BOX.

PROVIDE HANDLE-TIE BETWEEN CIRCUIT BREAKERS SHARING COMMON NEURTAL FOR SIMULTANEOUS TRIP, TYP OF ALL CIRCUITS SHOWN ON ALL ELECTRICAL SHEETS.

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 FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

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PHARMACY ELECTRICAL PLAN

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