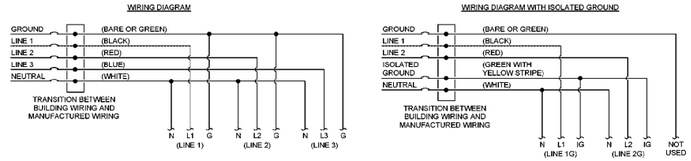


6 MODULAR POWER WIRING DIAGRAM
NTS

LEGEND FOR MODULAR COMPONENTS

- 1 3 2 2 — 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.

ALL RECEPTACLES BELOW FRONT COUNTER AT +2'-1" AND DATA 1'-6" UNLESS NOTED OTHERWISE.

ALL DEVICES BELOW CENTER COUNTER PRE-INSTALLED IN MILLWORK UNLESS NOTED OTHERWISE.

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

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 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.

RECEPTACLE INSTALLED IN POWER STRIP

POWER STRIP

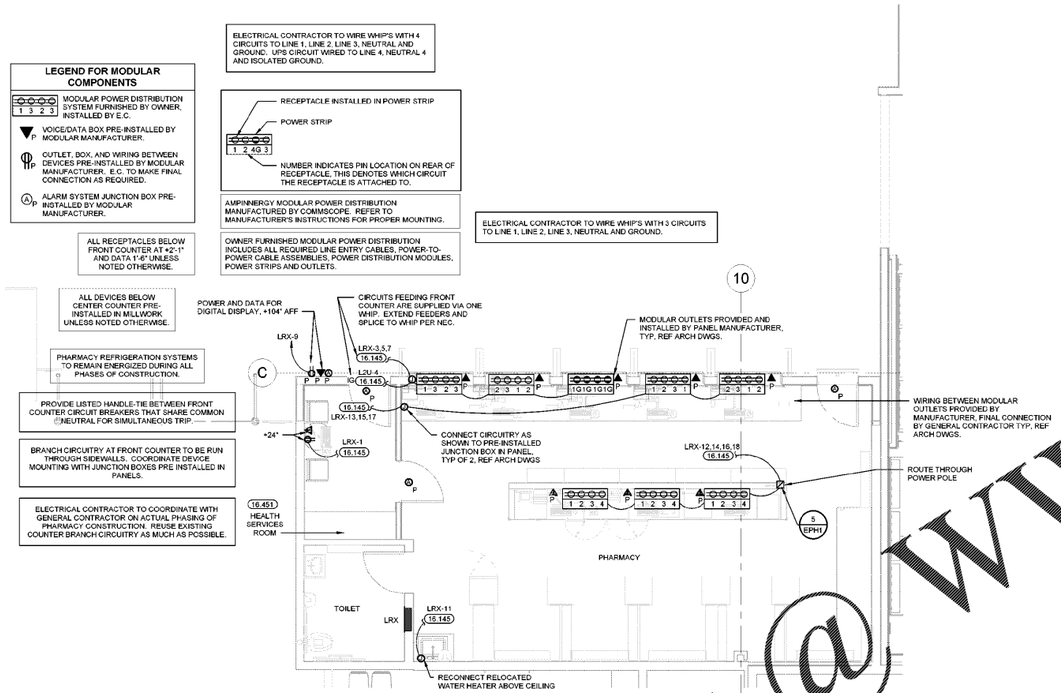
1 2 4G 3

NUMBER INDICATES PIN LOCATION ON REAR OF RECEPTACLE. THIS DENOTES WHICH CIRCUIT THE RECEPTACLE IS ATTACHED TO.

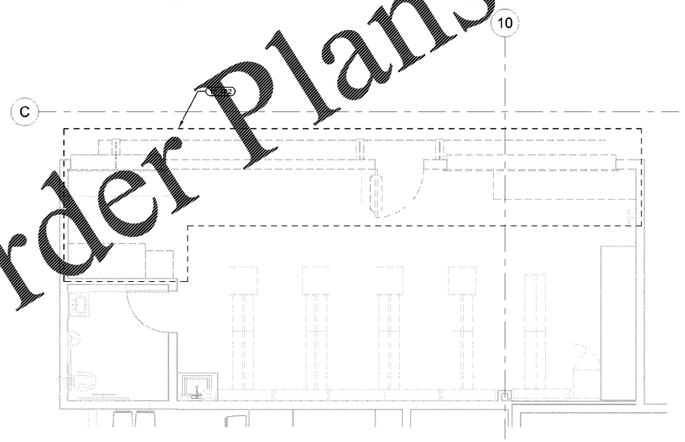
AMPINNERGY MODULAR POWER DISTRIBUTION MANUFACTURED BY COMMSCOPE. REFER TO MANUFACTURER'S INSTRUCTIONS FOR PROPER MOUNTING.

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

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



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

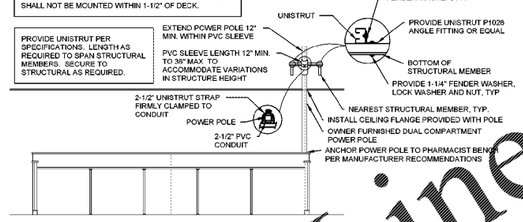


2 PHARMACY POWER DEMO PLAN
1/4" = 1'-0"

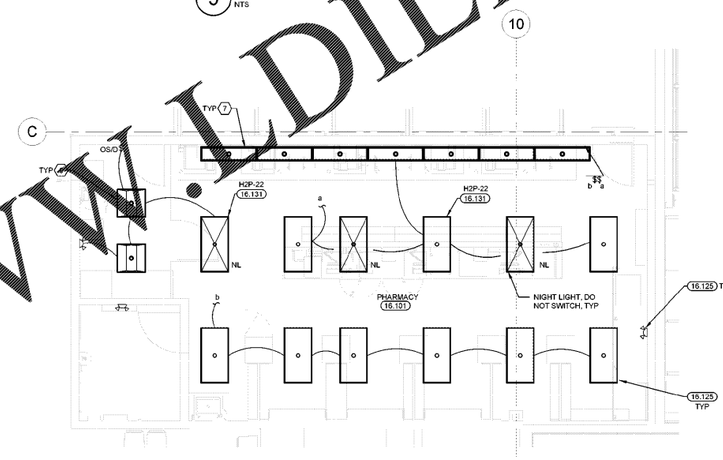
PHARMACIST BENCH POWER POLE CAN BE MOUNTED AT EITHER END OF BENCH. COORDINATE WITH POWER PLAN FOR CORRECT LOCATION.

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.

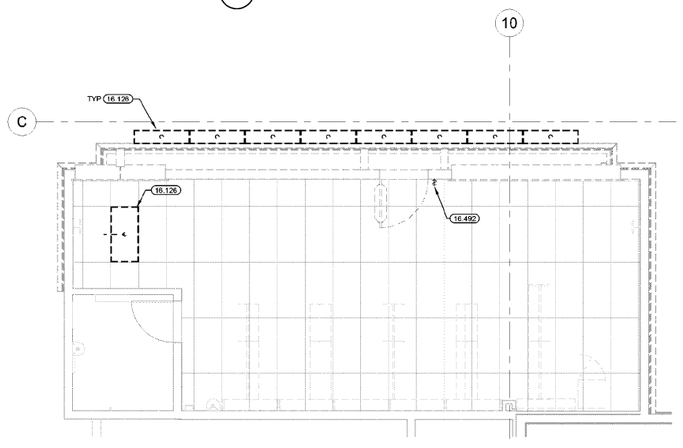
PROVIDE UNISTRUT PER SPECIFICATIONS. LENGTH AS REQUIRED TO SPAN STRUCTURAL MEMBERS. SECURE TO STRUCTURAL AS REQUIRED.



5 PHARMACIST BENCH POWER POLE
NTS



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



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

KEYNOTES

16.101	REPLACE ALL LIGHT LENSES WITH NEW PRISMATIC ACRYLIC LENS FOR ALL LAY-IN LIGHT FIXTURES IN THIS AREA.
16.125	EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.
16.126	EXISTING LIGHT FIXTURE TO BE DEMOLISHED.
16.131	CONNECT TO EXISTING CIRCUIT.
16.145	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.
16.451	PROVIDE EMT WITH PROPERLY INSTALLED COMPRESSION OR SET-SCREW TYPE FITTINGS AND AN INSULATED EQUIPMENT GROUNDING CONDUCTOR FOR ALL RACEWAYS SERVING THIS ROOM TO COMPLY WITH NEC, HEALTH CARE FACILITIES.
16.492	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 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 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

SHEET: EPH1

WILLIAM R. WINSTON