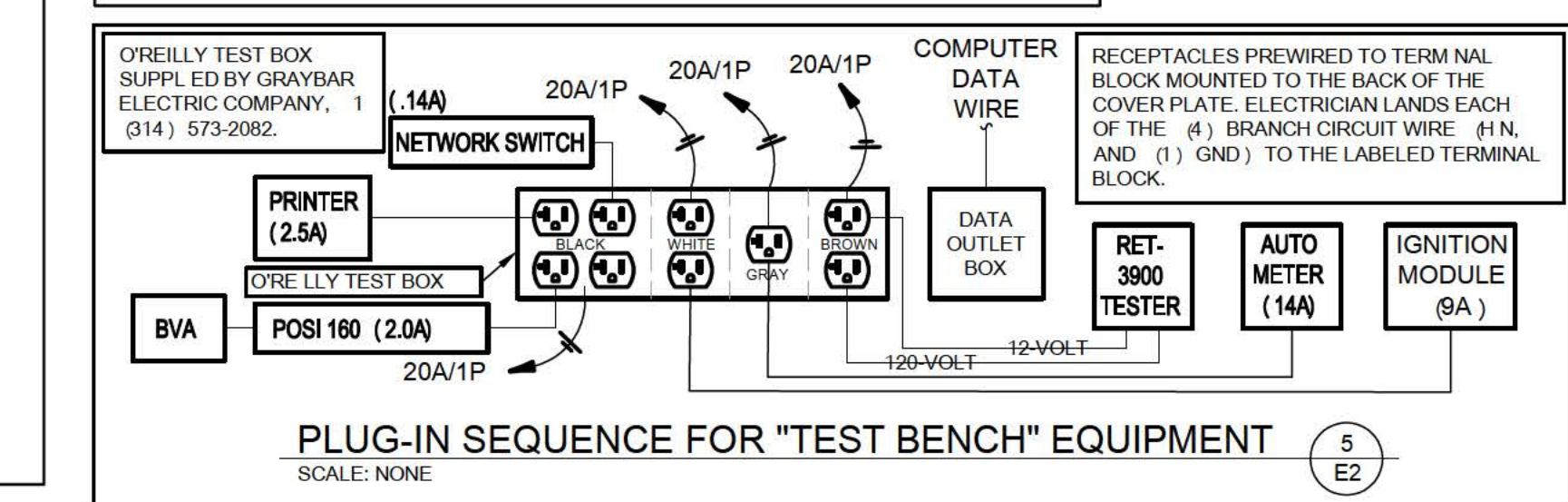


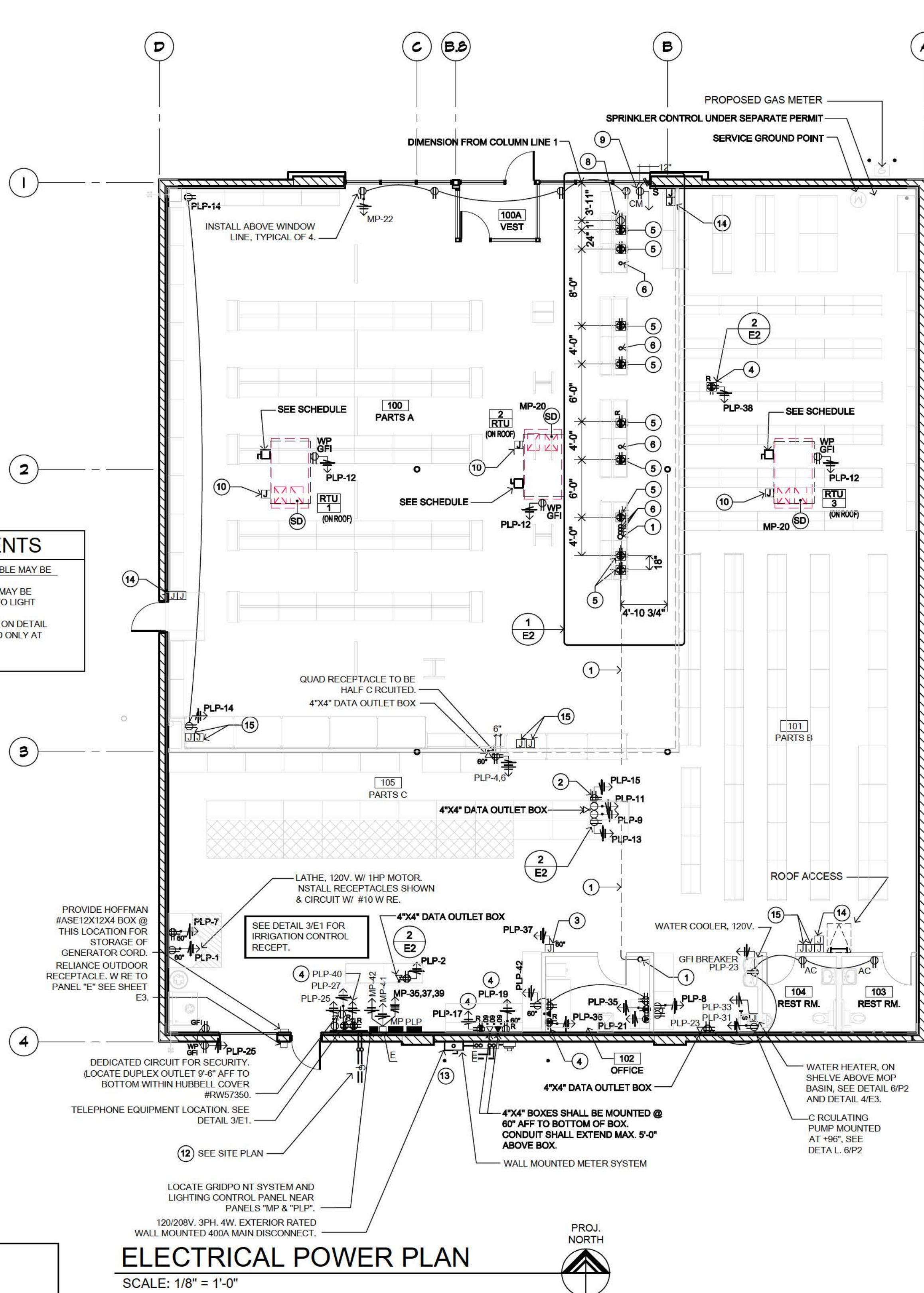
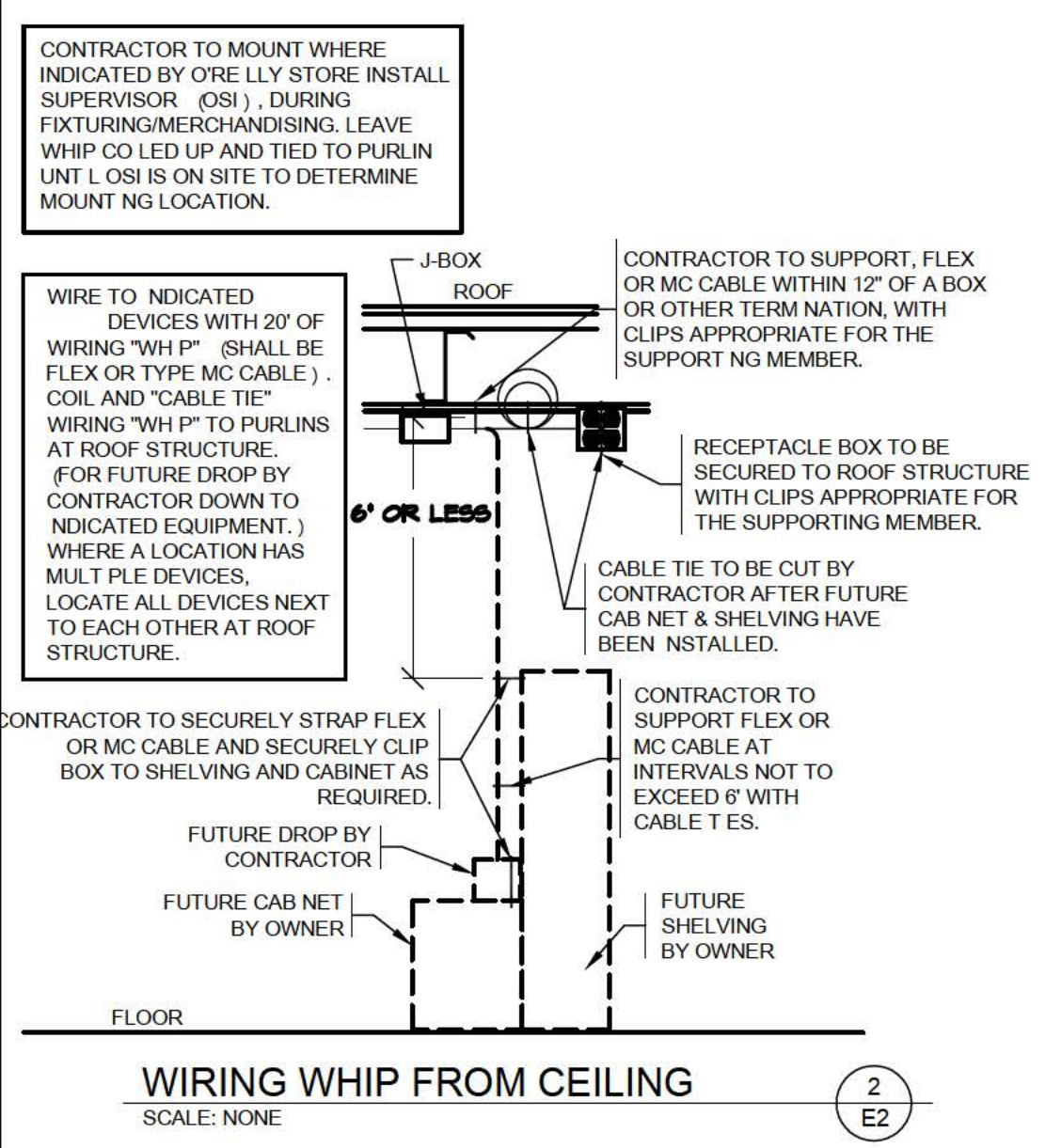
POWER - KEYNOTES

①	3" CONDUIT UNDERSLAB FROM COUNTER TO OFFICE FOR PHONE & DATA WIRING BY OWNER. STUB 3" CONDUIT TO A MINIMUM OF 3 FEET ABOVE FINISH FLOOR IN OFFICE. STUB 3" CONDUIT TO A MINIMUM OF 2 INCHES ABOVE FINISH FLOOR UNDER COUNTER. SEE DETAIL 1/1E2 & 6/E2. INSTALL PULL STR NG.
②	TEST OUTLET BOX. 120V. INSTALL (2) DUPLEX OUTLETS EACH ON THE ROW IN CIRCUIT. (1) SINGLE OUTLET ON ONE CIRCUIT. (1) QUADPLEX OUTLET ON ONE CIRCUIT & A COMPUTER DATA OUTLET BOX. SEE DETAIL 1/2E2.
③	J-BOX/CIRCUIT FOR FIRE ALARM SYSTEM INSTALLED F, AND ONLY IF. FIRE ALARM SYSTEM IS REQ. REQ. CONTRACTOR SHALL CONFIRM THAT SYSTEM IS REQUIRED PRIOR TO ROUGH-IN. THE BREAKER SHALL BE PAINTED RED AND LOCKABLE.
④	ROUTE C R CIRCUIT THROUGH "E" PANEL TRANSFER SWITCH. SEE "E" PANEL TRANSFER SWITCH SCHEDULE ON SHEETS E3.
⑤	FLOOR 4-PLEX ISOLATED GROUND RECEPTACLE. SEE DETAIL 4/E2.
⑥	STUB UP 2" CONDUITS (FOR PHONE/DATA) TO A MINIMUM OF 2-INCHES ABOVE FINISH FLOOR. NO BOXES REQUIRED. TYPICAL OF ALL COUNTERS. SEE DETAIL 1/1E2.
⑦	3/4" PVC CONDUIT UNDERSLAB. RUN ONE PVC CONDUIT FROM EACH FLOOR RECEPTACLE TO PANEL LOCATION.
⑧	FLOOR DUPLEX RECEPTACLE (FOR COKE MACHINE). SEE DETAIL 4/E2 SIM LAR.
⑨	MOUNT RECEPTACLE IN CEILING FOR "OPEN" SIGN. C R CIRCUIT RECEPTACLE TO NEAREST LIGHTING CONTROL PANEL. CONTROLLED LIGHTING C R CIRCUIT AND AHEAD OF ALL DIMMER SWITCHES AND DAY LIGHTING CONTROLS. "OPEN" SIGN CAN ALSO BE OPERATED BY WALL SWITCH. SEE DETAIL 1E1.
⑩	CONTRACTOR TO INSTALL J-BOX, CONDUIT, AND PULL STRING FOR FIRE ALARM. MOUNT J-BOX BELOW OPTIONAL CONVENIENCE OUTLET LOCATION. REFERENCE SHEET M2.
⑪	MC CABLE BETWEEN COUNTER RECEPTABLES.
⑫	UNDERGROUND CONDUITS. SEE SITE PLAN. EC SHALL FIELD VERIFY CONDUIT LOCATIONS. EXTEND 2" AT&T CONDUIT AND 2" COMCAST CONDUIT INTO BU BUILDING AND ROUTE TO PHONE BOARD. CORE-DRYLL WALL AS REQUIRED FOR SEAL.
⑬	EXTERIOR RATED FOR SERVICE ENTRY. MAIN DISCONNECT AND C/T COMPARTMENT PREVIOUSLY PERMITTED. EC SHALL FIELD VERIFY WITH SITE UTILITY CONTRACTOR AND ADJUST CONDUIT ENTRY LOCATION.
⑭	PROV DE 2-JBOXES RECESSED FOR TEST STATION AND ALARM/STROBE MOUNTED AT 5'-0" AND AT 7'-6" PROV DE 3/4" CONDUIT BETWEEN J-BOXES AND EXTEND 3/4" CONDUIT UP TO STRUCTURE. PROVIDE NYLON PULL-STR NG. REFER TO MECHANICAL PLANS FOR EXCESS J-BOX LOCATIONS.
⑮	PROV DE RECESSED J-BOX FOR MECHANICAL DEVICES WITH 2-3/4" CONDUIT UP TO STRUCTURE WITH NYLON PULL-STRING. REFER TO MECHANICAL PLANS FOR EXACT LOCATIONS.



NOTE:
ALL PANELBOARDS, TRANSFORMERS, TRANSFER SWITCH KIT AND
DISCONNECTS WILL BE SUPPLIED BY THE OWNER (O'REILLY) .
ELECTRICAL GEAR SHALL BE DIRECT ORDERED AND/OR RELEASED FROM
THE LISTED ELECTRICAL EQUIPMENT DISTRIBUTOR LISTED ON SHEET E

MARKING OF ELECTRICAL WORKING SPACE



GENERAL INSTALLATION NOTES:	
1.	PROVIDE A METAL IDENTIFICATION TAG WHERE THE GROUNDING CONDUCTOR IS CONNECTED TO THE GROUND ELECTRODE WITH A APPROVED GROUND STRAP, PROVIDE TAG AND OR STRAP AS REQUIRED UNDER BASE BID. ALL GROUNDING ELECTRICAL CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING OR RIGID HEAVY WALL CONDUIT.
2.	PROVIDE BONDING JUMPER INSTALLATION ACROSS THE WATER MAIN PER LOCAL REQUIREMENTS. PROVIDE AS REQUIRED UNDER BASE BID.
3.	BONDING BUSHINGS SHALL BE INSTALLED ON ALL SERVICES.
4.	FURNISH AND INSTALL NEW POWER PANEL BRANCH SERVICE FEEDERS AS NOTED ON PLANS. FEEDERS SHALL BE INSTALLED IN COMPLIANCE WITH THE LOCAL AUTHORITY. PROVIDE NEW BREAKERS AS REQUIRED.
5.	VERIFY AND MAINTAIN A MINIMUM OF 36" CLEAR IN FRONT OF PANELS, ALL PER THE LOCAL AUTHORITY.
6.	ALL POWER CIRCUITS SHALL BE IN EMT CONDUIT, UNLESS OTHERWISE NOTED. NO MORE THAN 6 RECEPTACLES ON ANY NEW CIRCUIT OR AS NOTED ON PLANS. CIRCUITS ON THE SAME PHASE SHALL NOT SHARE A NEUTRAL. ADJUST FEEDER AS REQUIRED.
7.	ELECTRICAL CONTRACTOR SHALL NOT PULL HVAC CONTROL WIRE THROUGH PANEL PER THE LOCAL AUTHORITY.
8.	IT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO PROVIDE PROPER GROUNDING THROUGH SEALTIGHT OR FLEX TO POWER PANEL GROUNDING CONDUCTOR (E.G.C.)
9.	PANEL CIRCUIT NUMBER AND OR HOMERUNS SHOWN ARE INTENDED TO BE A COMPLETED OPERATIONAL CIRCUIT. EXTEND CIRCUIT TO ASSOCIATED PANEL AND MAKE FINAL CONNECTION AS REQUIRED. VERIFY FIELD CONDITIONS AND INCLUDE IN THERE BID.
10.	EMERGENCY LIGHTING SHALL BE BATTERY BACK-UP TYPE. SAID EQUIPMENT SHALL BE FURNISHED BY OWNER AND INSTALLED BY EC. PROVIDE ALL REQUIRED WIRE CIRCUIT/ CONTROL FEEDERS. EC SHALL VERIFY EM LIGHTING WITH SUPPLIER AND PROVIDE ANY ADDITIONAL FIXTURES AS REQUIRED.
11.	ANY AND ALL RESPONSIBILITY CONFLICTS NOTED WITHIN THE ELECTRICAL PLANS AND SPECIFICATION SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL THE GREATER OF THE CONFLICTS AND SHALL BE INCLUDED IN THE BASE BID PRICE.