

1 ENLARGED PLAN - WATER AND GAS PLAN
P2.1 1/4" = 1'-0"

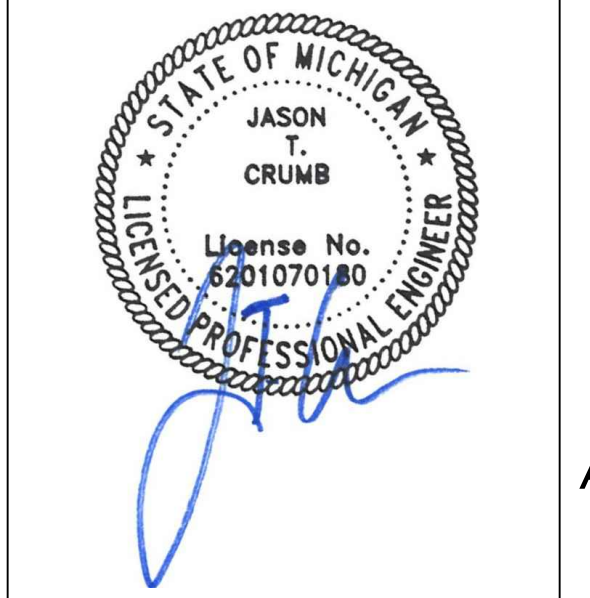
- K1 P.C. TO INSTALL K.E.C. FURNISHED MECHANICAL GAS SHUT-OFF VALVE IN MAIN GAS SUPPLY LINE IN ACCESSIBLE LOCATION PRIOR TO BRANCHING GAS SERVICE TO EQUIPMENT. P.C. TO VERIFY GAS LINE SIZE PER VALVE.
- KITCHEN EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- G14 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO DOUBLE DECK CONVECTION OVEN MANIFOLD (ITEM #14) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G15 3/4" NPT 50,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G16 3/4" NPT 52,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO HOT PLATE (ITEM #16) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G30 1-1/4" NPT MANIFOLD 525,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO FRYER/BATTERY (ITEM #30).
- G34 3/4" NPT 136,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO CHARBROILER (ITEM #34) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G35 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO GRIDDLE (ITEM #36) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- PSL 1/2" COLD WATER @ (+60" A.F.F.) FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PSLA FLOOR DRAIN FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P1 (4 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON HAND SINK (ITEM #1).
- P1A (4 LOCATIONS) 1-1/2" WASTE @ (+15" A.F.F.) P.C. TO EXTEND DRAIN FROM HAND SINK (ITEM #1) TO THIS POINT.
- P6 1/2" COLD WATER @ (+66" A.F.F.) P.C. TO EXTEND TO ICE MACHINE (ITEM #6) THRU F.F.E.C. FURNISHED WATER FILTER.
- P6A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE BIN (ITEM #6) TO THIS POINT. (SEE GENERAL NOTE 4).
- P7 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE (ITEM #7).
- P7A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD DRAIN LINES FROM 2 COMPARTMENT SINK (ITEM #7) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P11 1/2" HOT AND COLD WATER @ (+36" A.F.F.) P.C. TO EXTEND TO WALL MOUNTED FAUCET FOR MOP SINK (ITEM #11)
- P11A (STUB-UP) 3" WASTE TRAPPED BELOW FLOOR. P.C. TO EXTEND TO DRAIN IN MOP SINK.
- P15 1/2" COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15).
- P15A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM RETHERMALIZER (ITEM #15) TO THIS POINT. (SEE GENERAL NOTE 4).
- P42 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM HOT FOOD WELL (ITEM #42) TO THIS POINT. (SEE GENERAL NOTE 4).
- P56 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE CREAM DIPPING CABINET (ITEM #56) TO THIS POINT. (SEE GENERAL NOTE 4).
- P68 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P68A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SODA DISPENSER (ITEM #68) TO THIS POINT. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER. P.C. TO EXTEND DRAIN LINE FROM TROUGH DRAIN BEVERAGE TABLE (ITEM #65) TO THIS POINT. (SEE GENERAL NOTE 4).
- P67 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO COFFEE BREWER (ITEM #67). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P73 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE SINK (ITEM #73).
- P73A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (2) DRAIN LINES FROM PREP TABLE SINK (ITEM #73) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P76 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON SOILED DISHTABLE (ITEM #76).
- P76A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) TO THIS POINT. (SEE GENERAL NOTE 4).
- P78 1/2" HOT WATER @ (+50" A.F.F.) P.C. TO EXTEND TO DISHWASHER (ITEM #20).
- P78A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) P.C. TO EXTEND DRAIN FROM DISHMACHINE (ITEM #78) TO THIS POINT. (SEE GENERAL NOTE 4).
- P80 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (3) DRAIN LINES FROM POT AND PAN SINK (ITEM #81) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P81 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON POT AND PAN SINK (ITEM #81).
- P82 (STUB-UP) 1/2" COLD WATER. P.C. TO EXTEND TO SOAK SINK FAUCET (ITEM #82) MOUNTED ON SOILED DISHTABLE (ITEM #76).
- BAR EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- SL (2 LOCATIONS) (STUB-UP) 6" PVC CHASE FOR SODA LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- BL (STUB-UP) 6" PVC CHASE FOR BEER LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB1 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM PASS-THRU COCKTAIL STATION (ITEM #81) AND UNDERBAR ICE BIN (ITEM #84) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB2 (2 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB2A (2 LOCATIONS) 1-1/2" WASTE @ (+10" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB7 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #87) AND DRAIN BOARD (ITEM #812) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB9 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #89) AND DRAIN BOARD (ITEM #810) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB13 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM BEER TROUGH MOUNTED ON BACK BAR COOLER (ITEM #813) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB14 1/2" HOT WATER @ (+15" A.F.F.) P.C. TO EXTEND TO GLASS WASHER (ITEM #14). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB14A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM GLASS WASHER (ITEM #14) TO THIS POINT. (SEE GENERAL NOTE 4). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.

- GENERAL NOTES THIS SHEET:**
- ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
 - VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
 - INSULATE HORIZONTAL RUN OF ALL WASTE PIPING RECEIVING A/C CONDENSATE.
 - INSULATE ROOF DRAINS AND HORIZONTAL STORM DRAIN PIPING RUNS ABOVE GRADE.
 - ALL COLD WATER, HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE. STORM DRAIN PIPING ABOVE GRADE SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
 - PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVING FIXTURES.
 - PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
 - MINIMUM VENT THRU ROOF SHALL BE 2".
 - ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE. CENTER FIXTURES WHERE APPLICABLE. FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
 - ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
 - FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
 - FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
 - PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
 - ALL LAVATORIES, HANDWASH SINKS AND KITCHEN SINKS SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH THE HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLOR MODEL 570 WITH 3/4" FITTINGS. 3-COMPARTMENT SINK AND DISHWASHER DO NOT NEED MIXING VALVES.
 - PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.
 - REFER TO KITCHEN EQUIPMENT PLAN FOR KITCHEN EQUIPMENT GENERAL NOTES.
 - SEE SHEETS P3.0 - P3.2 FOR PLUMBING DETAILS.

- SPECIFIC NOTES THIS SHEET:**
- HOT WATER CIRCULATING BALANCE VALVE. SET AT 0.5 GPM.
 - CONNECT TO EXISTING GAS SERVICE. VERIFY EXACT LOCATION ON SITE.
 - 1" GAS TO WATER HEATER.
 - WATER SOFTENING SYSTEM BY KEC. RUN 1 1/2" CW TO SOFTENER.
 - SEE (P3.1) FOR WATER HEATER DETAIL.
 - CONNECT NEW WATER TO EXISTING 2" CW.
 - TO RECIRCULATING PUMP.
 - RUN 3/4" GAS TO EXISTING GAS UNIT HEATER.
 - REMOVE EXISTING BACKFLOW PREVENTER AND PROVIDE NEW REDUCED PRESSURE BACKFLOW PREVENTER FOR EXISTING COLD WATER SERVICE. EXISTING FUNNEL AND DRAIN TO REMAIN. VERIFY EXACT CONDITIONS ON SITE. MODIFY COLD WATER PIPING AS REQUIRED. CENTER BACKFLOW PREVENTER OVER FUNNEL DRAIN. NEW BACKFLOW PREVENTER SHALL BE WATTS MODEL 009-QT-S OR EQUAL. THE BACKFLOW PREVENTER SHALL BE ASSE 1013 AND AWWA C511-92 LISTED, MEET THE REQUIREMENTS OF MPC 608; AND SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS, AND TESTED PER MPC 608.
 - GAS PIPING FOR SMOKER, 150,000 BTUH. PROVIDE 1" GAS WITH SHUTOFF VALVE, DRIP LEG. 4-UNION AND AGA GAS HOSE.



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REVISIONS	PROJECT NO:
NO. DATE	IA 2119
1 1-4-22	SHEET
2 1-25-22	P2.1
3 2-28-22	