

PLAN TRUE
 1 PLUMBING ROOF PLAN
 P-4 SCALE: 1/4" = 1'-0"


- PLUMBING SHEET NOTES**
- Field verify location of existing sanitary waste; verify all sizes, inverts & points-of-connection.
 - Field verify location of existing grease waste; verify all sizes, inverts & points of connection.
 - Field verify location and size of existing CW line prior to connecting new CW.
 - INDIRECT DRAIN/WASTE:** Route to air gap over floor sink
 - Provide 1/2"FW for appliances; provide shut-off valve and WATTS model SD-3 backflow preventer with dual check valve at each appliance. Verify connection size with Mfg prior to ordering materials. Provide metallic, lead-free wye pattern strainer in place of standard, plastic strainer - verify compatible fittings with Mfg when ordering.
 - Provide HW (verify required inlet temperature with Mfg) to Dish Machine; provide shut-off valve and Watts model LFO08PCQT backflow preventer.
 - Provide HW (verify required inlet temperature with Mfg) to glass washer; provide shut-off valve and Watts model LFO08PCQT backflow preventer. Provide stainless steel flex after shut-off valve to glass washer to allow equipment to be moved for cleaning and maintenance.
 - SODA SYSTEM WATER FILTER:** Provide CW line with shut-off valve for water filter serving bag-in-box soda system (soda system by Others). Drop CW line down from above ceiling along surface of wall - do not route CW drop within wall. Locate shut-off valve 12" below drop ceiling - 9ft AFF. See Interior Elevation Details on Arch. sheets for more details. **IMPORTANT:** This filter serves the bag-in-box ONLY.
 - ICE/BEVERAGE MACHINE WATER FILTER:** Provide CW line with shut-off valve for water filter serving dedicated FW line to tea brewer, coffee brewer, and ice machine. Drop CW line down from above ceiling along surface of wall - do not route CW drop within wall. Locate shut-off valve 12" below drop ceiling - 9ft AFF. See Interior Elevation Details on Arch. sheets for more details. **IMPORTANT:** This is not the water filter that serves the bag-in-box soda system.
 - FILTERED WATER TO TEA, COFFEE BREWER, ICE MACHINE:** Route FW line from filter up along surface of wall - do not route FW riser within wall - to above drop ceiling, and over to equipment as necessary.
 - Route water piping down wall, over to, and within partial height wall for distribution to bar fixtures.
 - RECIRCULATING HW:** Route HWC piping to within 2ft of each Public Lav and HS Hand Sink HW connection.
 - Provide CW with shut-off valve and Watts model SD-3 backflow preventer with dual check valve to glass riser. Verify connection size with Mfg prior to ordering materials. Provide metallic, lead-free wye pattern strainer in place of standard, plastic strainer - verify compatible fittings with Mfg when ordering.
 - Route Type K copper pipe underground to equipment as necessary. Insulate HW & HWC with 1"Armaflex direct bury closed-cell piping insulation.
 - STUDDOR VENT:** Locate per Architectural drawings. Provide perforated access panel per Arch.
 - Route FW down in wall and under floor to partial height wall for distribution to beverage equipment.
 - TEA/COFFEE BREWER:** Provide flex piping between copper FW supply pipe shut-off valve and appliance. Use brass fittings at connection point to appliance. Do not use plastic push-connect fittings.
 - Route copper Condensate Drain from walk-in cooler/freezer to air gap over floor drain. Anchor condensate drain to walk-in wall with copper bell hangers sized properly for copper tube. Verify drain size with equipment Mfg prior to ordering materials.
 - NEW GAS PIPING AT 2PSI BY TENANT:** Verify gas requirement on new 2PSI gas piping. Pipe sizing based on $\pm 175ft$ TDL at 2PSI. Verify TDL, all gas inputs, and connection to existing 2psi gas service, prior to ordering piping.
 - NEW GAS PIPING AT 7"WC BY TENANT:** Verify gas requirement on new 7"WC gas piping. Pipe sizing based on $\pm 50ft$ TDL at 7"WC. Verify TDL, all gas inputs, and connection points to piping provided by Landlord, prior to ordering piping.
 - NEW GAS PIPING AT 7"WC BY TENANT:** Verify gas requirement on new 7"WC gas piping. Pipe sizing based on $\pm 30ft$ TDL at 7"WC. Verify TDL, all gas inputs, and connection points to piping provided by Landlord, prior to ordering piping.
 - NEW GAS PIPING AT 7"WC BY TENANT:** Verify gas requirement on new 7"WC gas piping. Pipe sizing based on $\pm 10ft$ TDL at 7"WC. Verify TDL, all gas inputs prior to ordering piping.
 - EXISTING GAS PIPE BY LANDLORD:** Verify existing gas pipe location and size.
 - Gas piping on roof per code.
 - Gas piping in Tenant space. Verify height AFF prior to ordering materials.
 - GAS REGULATOR:** gas pressure reduction from 2psi to 7"WC. Where regulator is located within building envelope: vent to exterior per code.
 - 2"Auto-Gas Valve to close when Ansl system activates.
 - Route gas header down in wall behind kitchen equipment & provide quick-conn valve for each appliance.
 - EXISTING GAS SERVICE: PRIOR TO ESTIMATING COSTS AND ORDERING MATERIALS, CONTRACTOR SHALL VERIFY ALL THE FOLLOWING-** Connection to existing 2PSI gas service; existing gas meter location; TDL; all gas inputs. Verify total gas requirement of 1,801 MBH = 432 MBH existing + 1,169MBH new gas load.

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Issue Record:
 06.07.2019 FOR PLAN REVIEW

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 A 08.01.2019 BAR FIX TO GREASE WST
 B 08.28.2019 QCR

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 DRAWN BY: F Long

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Contractor:
 PLUMBING:
 ROOF PLAN, SHEET NOTES