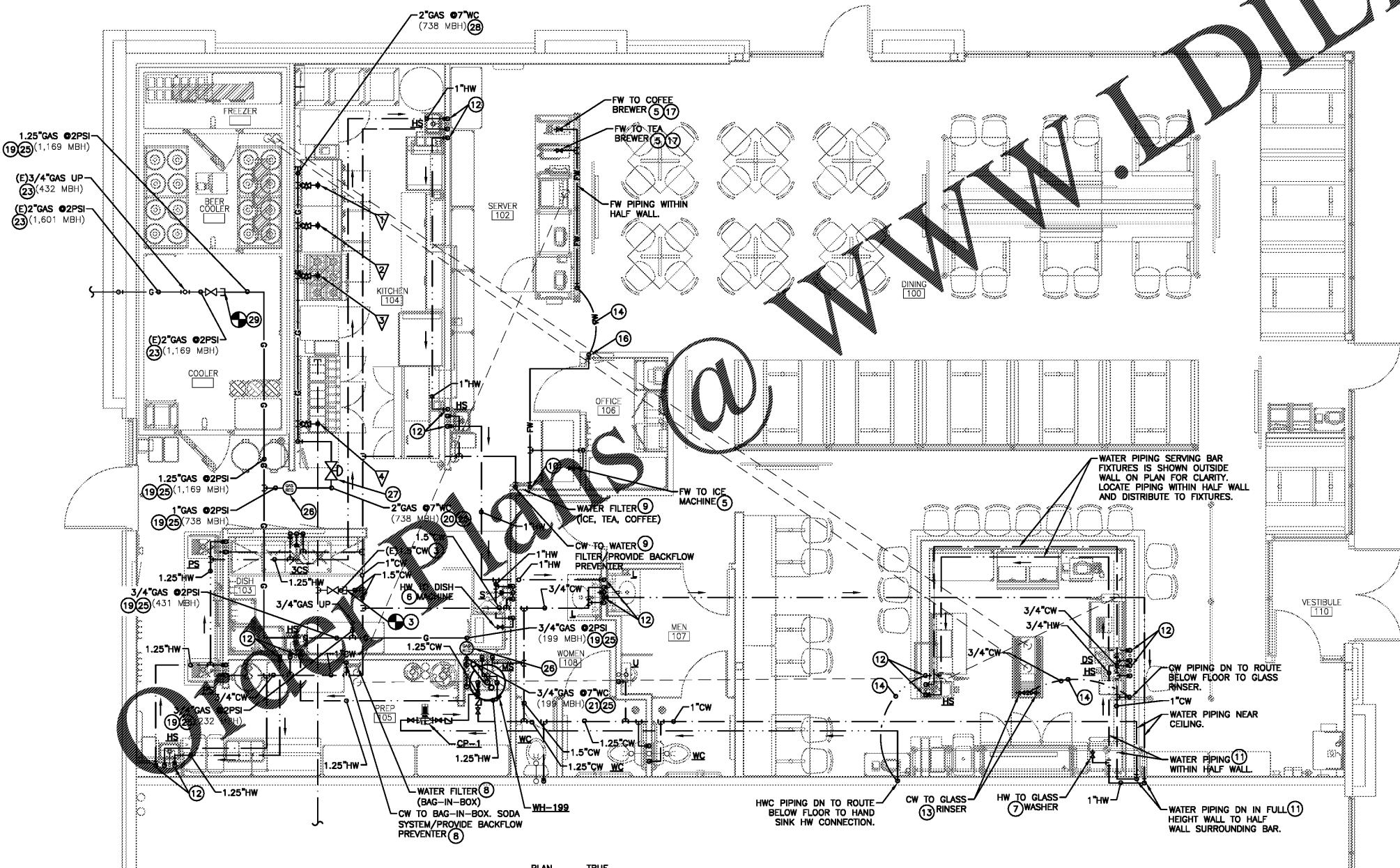


**PLUMBING ROUGH-IN NOTE:**  
 REFER TO EQUIPMENT K-SHEETS IN ARCHITECTURAL DRAWING SET FOR ALL PLUMBING ROUGH-IN DIMENSIONS.  
 DO NOT DIMENSION OFF OF P-SHEETS IN THIS DRAWING SET.

**KITCHEN EQUIPMENT - GAS CAPACITY**  
 NOTE: Total gas requirement for kitchen equip. = 738 MBH;  
 verify prior to ordering new piping:

- 1 Griddle: Verify 83 MBH
- 2 Griddle: Verify 83 MBH
- 3 Range/Oven: Verify 215 MBH
- 4 Fryers: Verify 357 MBH

- PLUMBING SHEET NOTES**
- 1 Field verify location of existing sanitary waste; verify all sizes, inverts & points-of-connection.
  - 2 Field verify location of existing grease waste; verify all sizes, inverts & points of connection.
  - 3 Field verify location and size of existing CW line prior to connecting new CW.
  - 4 **INDIRECT DRAIN/WASTE:** Route to air gap over floor sink
  - 5 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.
  - 6 Provide HW (verify required inlet temperature with Mfg) to Dish Machine; provide shut-off valve and Watts model LFOOBPCQT backflow preventer.
  - 7 Provide HW (verify required inlet temperature with Mfg) to glass washer; provide shut-off valve and Watts model LFOOBPCQT backflow preventer. Provide stainless steel flex after shut off valve to glass washer to allow equipment to be moved for cleaning and maintenance.
  - 8 **SODA SYSTEM WATER FILTER:** Provide CW line with shut-off valve for water for 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.
  - 9 **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.
  - 10 **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.
  - 11 Route water piping down wall, over to, and within partial height wall for distribution to bar fixtures.
  - 12 **RECIRCULATING HW:** Route HWC piping to within 2ft of each Public Lav and HS Hand Sink HW connection.
  - 13 Provide CW with shut-off valve and Watts model SD-3 backflow preventer with dual check valve to glass rinser. 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.
  - 14 Route Type K copper pipe underground to equipment as necessary. Insulate HW & HWC with 1"Armaflex direct bury closed-cell piping insulation.
  - 15 **STUDDOR VENT:** Locate per Architectural drawings. Provide perforated access panel per Arch.
  - 16 Route FW down in wall and under floor to partial height wall for distribution to beverage equipment.
  - 17 **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.
  - 18 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.
  - 19 **NEW GAS PIPING AT 2PSI BY TENANT:** Verify gas requirement on new 2PSI gas piping. Pipe sizing based on  $\pm 175ft$  IDL at 2PSI. Verify TD, all gas inputs, and connection to existing 2psi gas service, prior to ordering piping.
  - 20 **NEW GAS PIPING AT 7"WC BY TENANT:** Verify gas requirement on new 7"WC gas piping. Pipe sizing based on  $\pm 50ft$  IDL at 7"WC. Verify TD, all gas inputs, and connection points to piping provided by Landlord, prior to ordering piping.
  - 21 **NEW GAS PIPING AT 7"WC BY TENANT:** Verify gas requirement on new 7"WC gas piping. Pipe sizing based on  $\pm 30ft$  IDL at 7"WC. Verify TD, all gas inputs, and connection points to piping provided by Landlord, prior to ordering piping.
  - 22 **NEW GAS PIPING AT 7"WC BY TENANT:** Verify gas requirement on new 7"WC gas piping. Pipe sizing based on  $\pm 10ft$  IDL at 7"WC. Verify TD, all gas inputs prior to ordering piping.
  - 23 **EXISTING GAS PIPE BY LANDLORD:** Verify existing gas pipe location and size.
  - 24 Gas piping on roof per code.
  - 25 Gas piping in Tenant space. Verify height AFF prior to ordering materials.
  - 26 **GAS REGULATOR:** gas pressure reduction from 2psi to 7"WC. Where regulator is located within building envelope: vent to exterior per code.
  - 27 2"Auto-Gas Valve to close when Ansul system activates.
  - 28 Route gas header down in wall behind kitchen equipment & provide quick-corrn valve for each appliance.
  - 29 **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; TD; all gas inputs. Verify total gas requirement of 1,601 MBH = 432 MBH existing + 1,169MBH new gas load.



PLAN TRUE  
 1 WATER & GAS PIPING PLAN  
 P-2 SCALE: 1/4" = 1'-0"

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**BAD DADDY'S BURGER BAR**  
 "SANDY PLAINS"  
 3460 SANDY PLAINS RD  
 SUITE 110  
 MARIETTA, GA 30062

Issue Record:  
 06.07.2019 FOR PLAN REVIEW  
 08.01.2019 BAR FIXT. TO GREASE WST  
 08.28.2019 QCR

Drawn:  
 DRAWN BY: F Long  
 Checked:  
 CHFCFKFD BY: R Blank

Project No.  
 PROJECT#: 2019-041

Contractor:  
 PLUMBING:  
 WATER & GAS PIPING, SHEET NOTES