

**WATER & GAS PLAN** = 1'-0" **1**

- A. WATER DISTRIBUTION PIPING IS SHOWN ABOVE FINISH CEILING. UNDER SLAB DISTRIBUTION ALLOWED AT CONTRACTOR OPTION. COORDINATE ALL DETAILS.
- B. NO ROOF PENETRATIONS PERMITTED WITHIN THE ROOF "WATER VALLEYS". REFER TO ROOF PLAN FOR LOCATIONS.
- C. REFER TO SHEET P4.0 FOR ROUGH-IN LOCATIONS.
- D. REFER TO SHEET P5.0 FOR WATER AND GAS ISOMETRIC DRAWINGS.
- E. FLUSH ALL WATER SUPPLY LINES OF ALL DEBRIS AND IMPURITIES PRIOR TO CONNECTING TO WATER FILTERS.
- F. PROVIDE REDUCED PRESSURE BACKFLOW TO SERVE CARBONATOR. DRAIN RELIEF TO FLOOR SINK WITH AIRGAP.
- G. PROVIDE VENTED DOUBLE CHECK VALVE WITH ATMOSPHERIC PORT FOR WATER LINE SUPPLYS TO FOOD SERVICE EQUIPMENT (ASSEE-1022.)
- H. EQUIPMENT VENDOR TO FOLLOW MANUFACTURER'S REQUIREMENTS TO INSTALL DOUBLE CHECK VALVE ON EQUIPMENTS WHERE APPLICABLE.

- 1 1-1/4" (260 CFH) GAS UP TO RTU-2 WITH DIRT LEG, GAS COCK AND UNION.
- 2 1" (199 CFH) GAS DOWN TO WATER HEATER WITH GAS COCK, DIRT LEG AND UNION.
- 3 1/2" TEMPERED WATER DOWN IN WALL TO HAND SINK.
- 4 1" HOT AND 1" COLD WATER LINES DOWN TO WATER HEATER. SEE RISER FOR DETAILS.
- 5 1/2" HOT AND COLD WATER LINES DOWN IN WALL TO PREP SINK.
- 6 1/2" COLD AND HOT WATER LINES DOWN IN WALL TO THREE COMPARTMENT SINK.
- 7 1/2" COLD WATER 2'-0" A.F.F. . CONNECT TO WATER FILTER FOR HOT WATER SYSTEM P-452. PROVIDE SHUT-OFF VALVE PRIOR TO CONNECTION TO WATER FILTER.
- 8 1/2" COLD AND HOT WATER DOWN IN THE WALL TO THE MOP SINK.
- 9 3/4" CW DOWN IN WALL TO WATER CLOSET .
- 10 PROVIDE 1" RPZ BACKFLOW PREVENTER AND MOUNT VERTICALLY AS PER MANUFACTURER RECOMMENDATION. RPZ BACKFLOW PREVENTER SHALL BE USC CERTIFIED FOR VERTICAL INSTALLATION. ROUTE DRAIN FROM RPZ BACK FLOW PREVENTER TO FLOOR SINK WITH AND AIR GAP.
- 11 1-1/4" (240 CFH) GAS UP TO RTU-1 WITH DIRT LEG, GAS COCK AND UNION.
- 12 1/2" TEMPERED WATER LINES DOWN IN WALL TO LAVATORY.
- 13 3/4" CW DOWN ALONG WALL TO WATER FILTER S-286. SEE DETAIL 1/P6.0. PROVIDE RPZ BACKFLOW PREVENTER AS REQUIRED BY AHJ.
- 14 COORDINATE PIPE ROUTING WITH ROOF ACCESS.
- 15 EMERGENCY GAS SHUT OFF VALVE LOCATED BELOW CEILING.

- 16 3/4" CW DOWN IN WALL TO EXTERIOR HOSE BIBB.
- 17 BUNDLED SYRUP LINES TO BEVERAGE DISPENSERS S-284 & S-285 AND FILTERED WATER LINES TO ICE MAKERS S-513 AND FROZEN BEVERAGE DISPENSER S-546. SEE DRAWINGS A2.0 AND P5.0.
- 18 1-1/4" GAS DOWN IN WALL TO TACO BELL COOKING EQUIPMENT. VERTICAL GAS PIPING IN WALL SHALL NOT BE RIGIDLY SECURED AND ADEQUATE PIPE PROTECTION SHALL BE PROVIDED.
- 19 GAS DIRT LEG W/ GAS COCK TO COOKING EQUIPMENT. PROVIDE FLEXIBLE GAS HOSE KIT FOR CONNECTION TO COOKING EQUIPMENT.
- 20 3" PVC COMBUSTION AIR AND VENT FOR WATER HEATER. ROUTE UP THROUGH ROOF TO MANUFACTURER'S TERMINATION. SEE M2.0 FOR MORE INFORMATION.
- 21 1/2" HOT WATER DOWN IN WALL TO TB RETHERMALIZER C-107. PROVIDE SHUT-OFF VALVE OUTSIDE OF WALL FOR CONNECTION TO RETHERMALIZER.
- 22 RUN GAS PIPE 18" A.F.F. WITH DIRT LEGS FOR GAS HOSE KITS TO COOKING EQUIPMENT C-079 AND C-107.
- 23 1/4" FILTER WATER PIPE DOWN IN WALL AND ROUTED IN LOW WALL OF DRY PRODUCTION LINE. PROVIDE SHUT-OFF VALVE ON FILTERED PIPING IN CEILING NEAR CHASE.
- 24 1/2" COLD WATER TO REVERSE OSMOSIS FILTER P-315 AND 1/2" FILTER WATER FROM REVERSE OSMOSIS FILTER. PROVIDE SHUT-OFF VALVE ON CW PIPE PRIOR TO CONNECTION TO FILTER. SEE DETAIL 9/P6.0.
- 25 GAS METER REGULATOR VALVES, BRACKETS, ETC. AS REQUIRED BY LOCAL GAS CO. SEE CIVIL DRAWINGS FOR CONTINUATION.
- 26 1" TAP FOR IRRIGATION BY OTHER. IRRIGATION SYSTEM SHALL INCLUDE 1" REDUCED PRESSURE ZONE BACKFLOW PREVENTER. INSTALL AS PER AHJ REQUIREMENT.

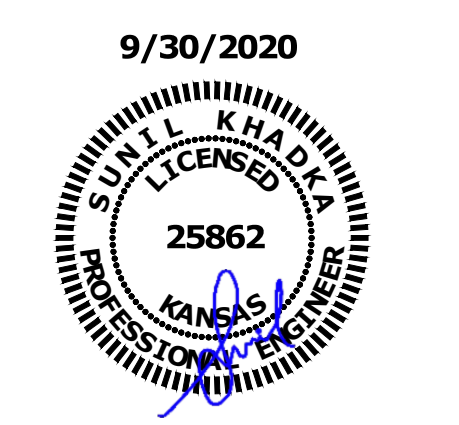
**WATER & GAS PLAN NOTES** NTS **3**

**KEYNOTES - WATER AND GAS** NTS **2**

KANSAS PE COA #E-359  
 BC PROJECT #: 20684  
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CONTRACT DATE:  
 BUILDING TYPE: END. MED40  
 PLAN VERSION: MARCH 2020  
 SITE NUMBER: #000000  
 STORE NUMBER: #000000

**TACO BELL**  
 615 METROPOLITAN AVE  
 LEAVENWORTH, KS 66048



ENDEAVOR 1.0

**PLUMBING DIMENSIONED PLAN**  
**P3.0**

PLOT DATE: 9/30/2020 1:00 PM