NOTES:

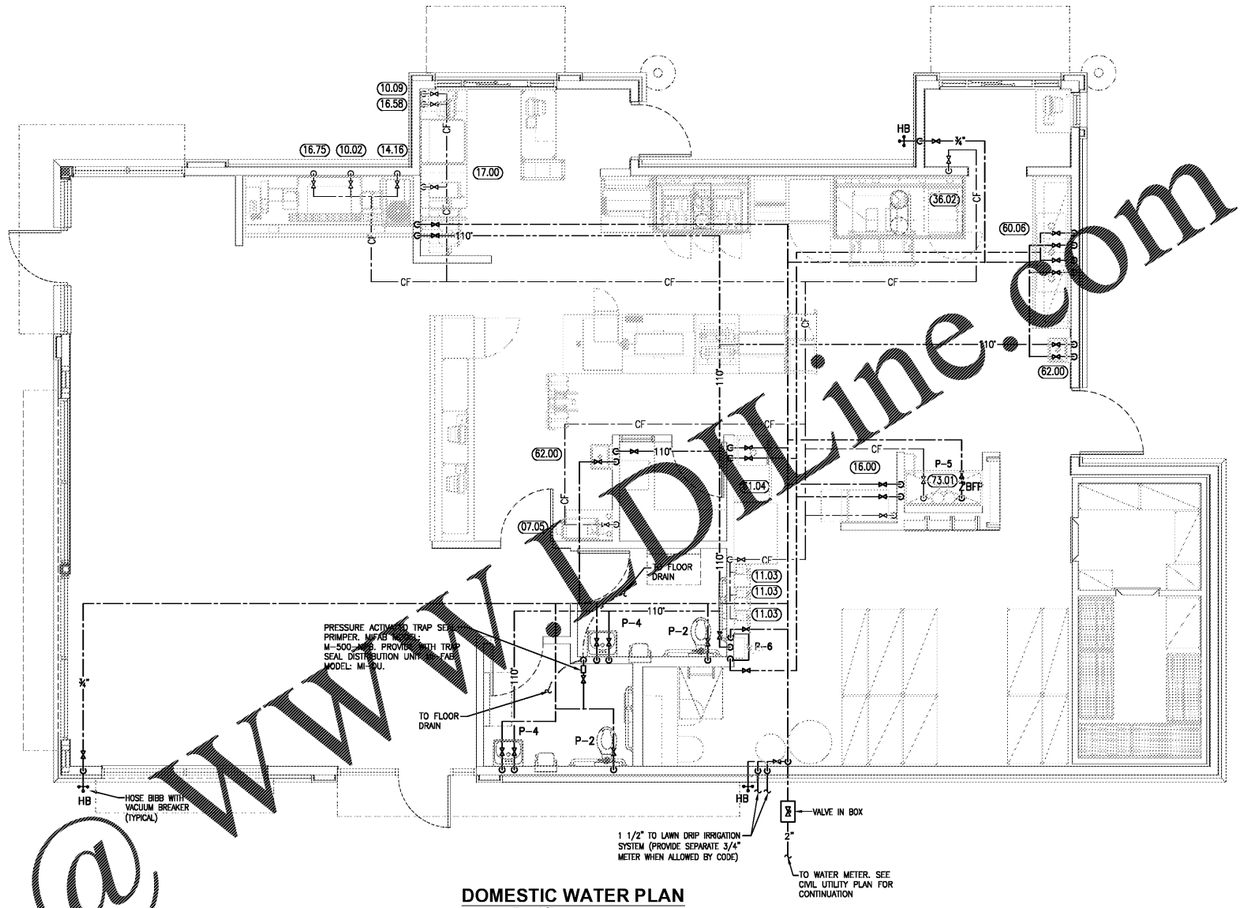
1. DO NOT SCALE DRAWINGS
2. GENERAL CONTRACTOR AND PLUMBING CONTRACTOR SHALL VERIFY GAS REQUIREMENTS OF THIS PROJECT BEFORE BIDDING AND PROCEEDING WITH WORK. SEE SHEET M-1 FOR GAS REQUIREMENTS OF A/C UNITS.
3. ALL HOT AND COLD WATER PIPING LOCATED ABOVE CEILING AREAS BUT BELOW ROOF INSULATION SHALL BE INSULATED WITH 3/4" FIBERGLASS LOW PRESSURE TYPE WITH DUAL TEMPERATURE JACKET. ALL HOT AND COLD WATER PIPING LOCATED OUTSIDE OF BUILDING INSULATION ENVELOPE SHALL BE INSULATED TO THICKNESS SPECIFIED IN INSULATION SCHEDULE SHOWN ON THIS SHEET. ALL UNDERGROUND PIPES LOCATED INSIDE BUILDING TO BE ENCASED IN FLEXIBLE POLYETHYLENE.
4. LOCATE COLD WATER PIPES IN FURRED OUT SPACES AT TOILET ROOMS (ZONES A AND B ONLY).
5. PROVIDE FROST PROOF HOSE BIBBS (ZONES A, B, C AND D)
6. PROVIDE SEPARATE SHUT-OFF VALVES FOR ALL EQUIPMENT AND PLUMBING FIXTURES REQUIRING WATER CONNECTIONS.
7. PROVIDE COUPLINGS TO ALL EQUIPMENT AS REQUIRED.
8. PLUMBING CONTRACTOR TO FURNISH AND INSTALL U.L. LISTED MECHANICAL GAS SHUT-OFF VALVES FOR FIRE PROTECTION SYSTEMS. VALVES CAN BE OBTAINED FROM THE FIRE PROTECTION SYSTEM SUPPLIER.
9. PROVIDE CATEGORY III STAINLESS STEEL VENT AS SPECIFIED BY MANUFACTURER. LAST PORTION OF PIPE SHALL EXTEND A MINIMUM OF 36" ABOVE ROOF SURFACE.
10. PROVIDE BACKFLOW PREVENTER ON COFFEE MAKERS, ICE MACHINES, COE MACHINES, COMBO OVEN, SMOOTHIE MACHINE AND OTHER WATER LINES AS REQUIRED BY LOCAL CODES.
11. PROVIDE WOOD BLOCKING AS REQUIRED FOR FIXTURES AND PIPING. (REFERENCE SHEET A-1)
12. CONTRACTOR TO PROVIDE 3/4" DIAMETER HOT AND COLD WATER LINES AT TRASH ENCLOSURE WITH MIXING VALVE AT CAN WASH INSIDE OF BUILDING.
13. INSTANTANEOUS GAS WATER HEATER AS SPECIFIED ON SHEET P-1
14. FILTERED WATER AT THE VEGETABLE PREP SINK IS OPTIONAL. UNFILTERED COLD WATER MAY BE USED IN ITS PLACE.
15. APPROVED WATER FILTER SYSTEMS:
    - 15.1. EVERPURE MODEL #CB2O312 OR SELECTO SCIENTIFIC MODE #MF620CC. NOTE: PROVIDE LIME INHIBITOR AS MAY BE REQUIRED.
    - 15.2. PLUMBING CONTRACTOR TO PROVIDE AND INSTALL WATER FILTER FOR FOUNTAIN DRINKS AT THE BAG-IN-BOX WALL. VERIFY FILTER REQUIREMENTS WITH COKE VENDER.
16. CUTTING AND NOTCHING OF 2X4 BEARING WALL NOT TO EXCEED 7/8". BORED HOLES IN 2X4 BEARING WALLS NOT TO EXCEED 2-1/8".
17. PE PIPING TO BE USED UNLESS NOT ALLOWED BY LOCAL CODES.
18. PLUMBING CONTRACTOR TO PROVIDE WATER FILTER FOR DRINK SYSTEM. COORDINATE REQUIREMENTS WITH THE EQUIPMENT SUPPLIER.

LEGEND

- COLD WATER
- CF — COLD WATER FILTER SYSTEM
- 110° — TEMPERED WATER (110°)
- HOT WATER (140°)
- G — GAS PIPING
- GATE VALVE
- G — G — GAS SHUT-OFF VALVE
- FREEZELESS HOSE BIB W/VACUUM BREAKER.
- G — G — MECHANICAL GAS SHUT-OFF VALVE
- GLOBE VALVE
- BACKFLOW PREVENTER (BFP)

INSULATION SCHEDULE

PIPE SIZE LESS THAN 1½"ø	PIPE SIZE 1½"ø & LARGER
MIN. 1" THICK	MIN. 1½" THICK



DOMESTIC WATER PLAN

SCALE: 1/4" = 1'-0"

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SOUTH CAROLINA
CERTIFICATE OF AUTHORIZATION
MARSHALL & BOLLWERK ENGINEERING, INC.
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B1916

DATE	RELEASE
08.26.19	FOR CONSTRUCTION

CHECKED BY:
DRAWN BY:

NOTE:
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CARL J. MATTHEW MERCER
No. 35187
8/26/19

PROJECT: B1916
DATE: 07/22/2019

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KINGSTREE, SC 29556

BURGER KING RESTAURANT

DOMESTIC WATER FLOOR PLAN

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