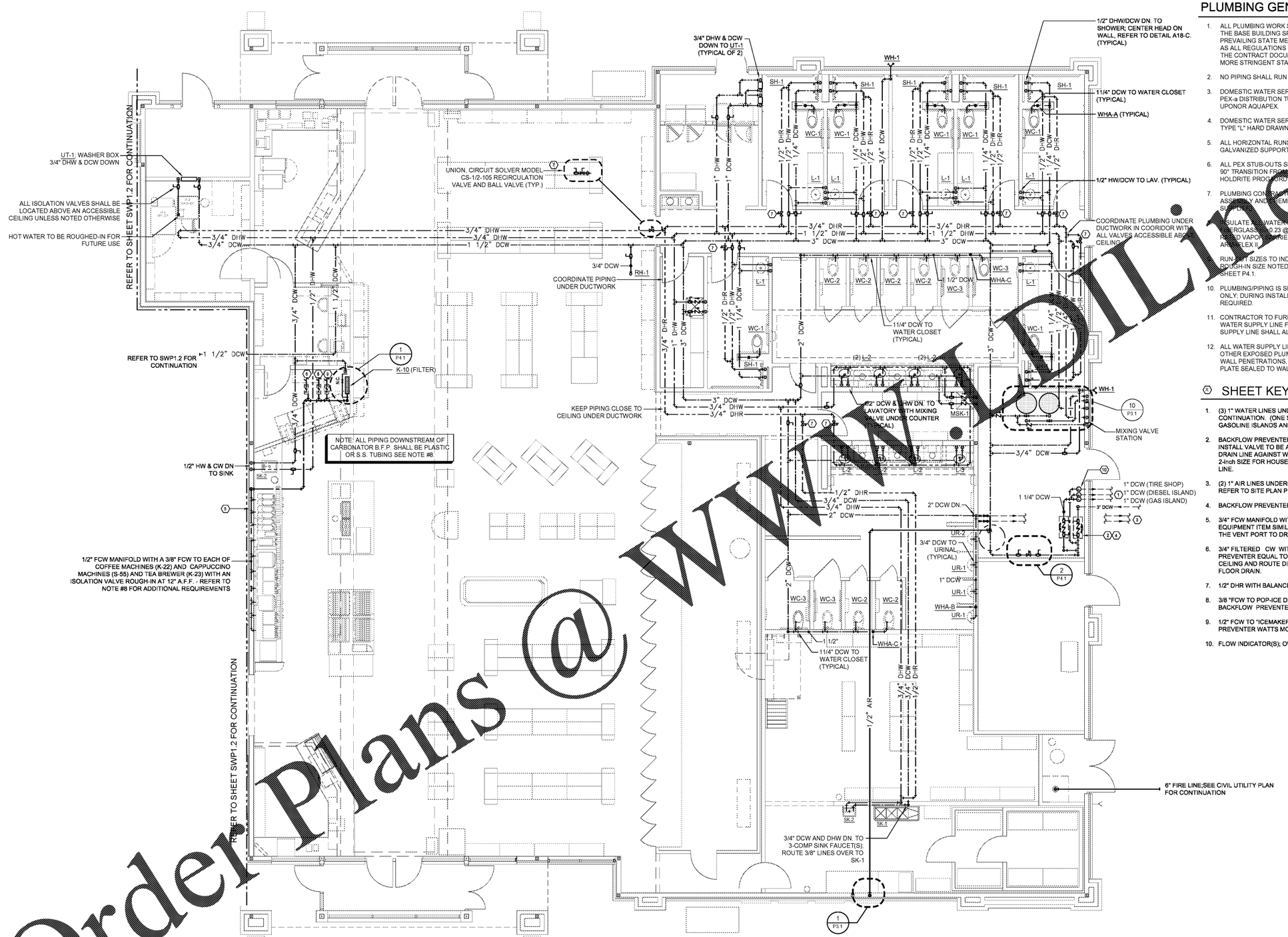

PLUMBING GENERAL NOTES:

1. ALL PLUMBING WORK SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE BASE BUILDING SPECIFICATION AND WITH THE LATEST EDITION OF THE PREVAILING STATE MECHANICAL/PLUMBING AND BUILDING CODES AS WELL AS ALL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
2. NO PIPING SHALL RUN EXPOSED IN FINISHED AREAS.
3. DOMESTIC WATER SERVICE PIPE 2" AND SMALLER ABOVE SLAB SHALL BE PEX-a DISTRIBUTION TUBING (ASTM F877, SDR 9 TUBING) EQUIVALENT TO UPONOR AQUAPEX.
4. DOMESTIC WATER SERVICE PIPE 2 1/2" AND LARGER ABOVE SLAB SHALL BE TYPE "L" HARD DRAWN ASTM B88 COPPER.
5. ALL HORIZONTAL RUNS OF PEX TUBING SHALL BE SUPPORTED BY PEX-a GALVANIZED SUPPORT CHANNELS.
6. ALL PEX STUB-OUTS SHALL BE MADE WITH COPPER STUB-ELLS HAVING A 90° TRANSITION FROM PEX TUBING TO COPPER. CONTRACTOR SHALL USE HOLDRITE PROGRUDE SUPPORT FOR ALL PEX STUB-OUT CONNECTIONS.
7. PLUMBING CONTRACTOR TO ASSEMBLE AND INSTALL PRE-RINSE SPRAY ASSEMBLY AND CHEMICAL BLEND STATION (ITEM PROVIDED BY EQUIPMENT SUPPLIER).
8. INSULATE ALL WATER PIPING EXCEPT EXPOSED TO FIXTURES WITH 1" INCH FIBERGLASS (0.23 @ 75°F) INSULATION WITH NON-COMBUSTIBLE UL RATED VAPOR BARRIER OR CLOSED CELL FLEXIBLE INSULATION EQUAL TO ARMAFLEX II.
9. RUN PIPE SIZES TO INDIVIDUAL PLUMBING FIXTURES TO BE EQUAL TO ROUGH-IN SIZE NOTED IN THE PLUMBING FIXTURE ROUGH-IN SCHEDULE, SHEET P4.1.
10. PLUMBING/PIPING IS SHOWN SCHEMATICALLY FOR VIEWING PURPOSES ONLY; DURING INSTALLATION FIELD MODIFICATIONS TO ROUTING MAY BE REQUIRED.
11. CONTRACTOR TO FURNISH AND INSTALL 3/8" FLEXIBLE S.S. BRAIDED WATER SUPPLY LINE FOR FINAL CONNECTION TO EQUIPMENT. FLEXIBLE SUPPLY LINE SHALL ALLOW 12" FLEXIBLE MOVEMENT OF EQUIPMENT.
12. ALL WATER SUPPLY LINES, VENT STACK LINES, SANITARY LINES, AND OTHER EXPOSED PLUMBING LINES SHALL BE COMPLETELY SEALED AT ALL WALL PENETRATIONS. THEN COVERED WITH A CHROME ESCUTCHEON PLATE SEALED TO WALL WITH SILICONE SEALANT

SHEET KEYNOTES

1. (3) 1" WATER LINES UNDERGROUND; REFER TO SITE PLAN P1.0 FOR CONTINUATION. (ONE SERVES THE DIESEL ISLAND, ONE SERVES THE GASOLINE ISLANDS AND ONE SERVES THE TIRE SHOP).
2. BACKFLOW PREVENTER WATTS 009QTHC (REDUCED PRESSURE ZONE TYPE); INSTALL VALVE TO BE ACCESSIBLE FOR SERVICE ACCESS AND SECURE DRAIN LINE AGAINST WALL AND ROUTE TO FLOOR SINK VIA AIR GAP FITTING; 2-Inch SIZE FOR HOUSE PROTECTION, 1 1/4-Inch SIZE BFP FOR FUEL ISLAND LINE.
3. (2) 1" AIR LINES UNDERGROUND FROM OWNER SUPPLIED AIR COMPRESSOR; REFER TO SITE PLAN P1.0 FOR CONTINUATION.
4. BACKFLOW PREVENTERS ARE TO BE STACKED ON TOP OF ONE ANOTHER.
5. 3/4" FCW MANIFOLD WITH SEPARATE BACKFLOW PREVENTER FOR EACH EQUIPMENT ITEM SIMILAR TO WATTS SD-3; EXTEND THE DRAIN LINE FROM THE VENT PORT TO DRAIN BELOW.
6. 3/4" FILTERED CW WITH ISOLATION VALVE FOR K-12 AND R.P.P BACKFLOW PREVENTER EQUAL TO WATTS MODEL SS009 (S.S.); ROUGH-IN BELOW THE CEILING AND ROUTE DISCHARGE THROUGH AIR GAP FITTING TO FUNNELED FLOOR DRAIN.
7. 1/2" DHR WITH BALANCE VALVE (CIRCUIT SOLVER MODEL CS-1/2-105)
8. 3/8 "FCW TO POP-ICE DISPENSER (K-13) WITH ISOLATION VALVE AND BACKFLOW PREVENTER EQUAL TO WATTS SD-3 (DUAL CHECK).
9. 1/2" FCW TO "ICEMAKER" (K-93) WITH ISOLATION VALVE AND BACKFLOW PREVENTER WATTS MODEL SD-3 (DUAL CHECK).
10. FLOW INDICATOR(S); OWNER PROVIDED FOR CONTRACTOR INSTALLATION.

1 P1.2 DOMESTIC WATER PLAN
SCALE: 3/16" = 1'-0"

NORTH

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