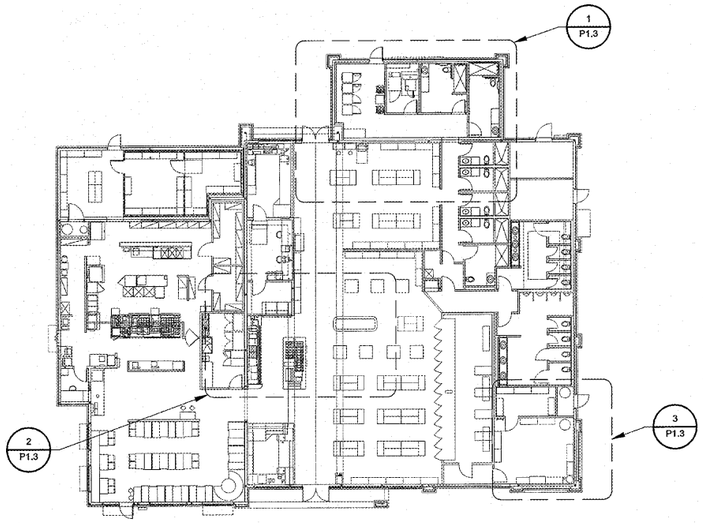
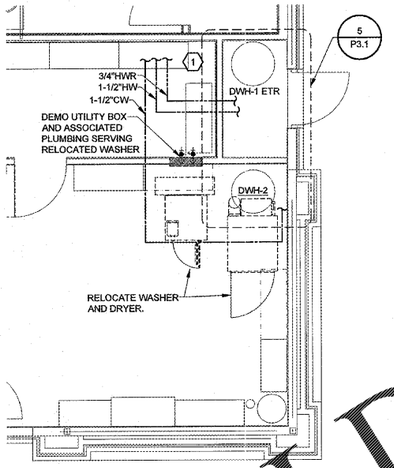


4 KEY PLAN
SCALE: 1/16" = 1'-0"



3 BACKSTOCK WATER PLAN
SCALE: 1/4" = 1'-0"

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT HIMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING HIS WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

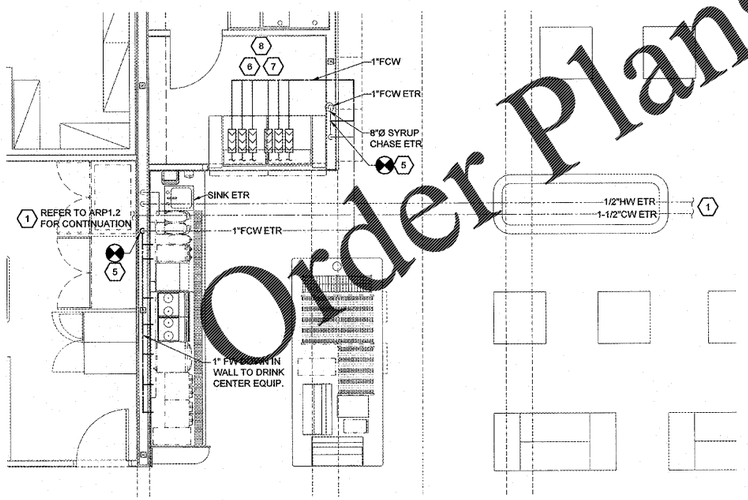
EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

GENERAL CONTRACTOR TO ASSURE WATER HAMMER ARRESTORS HAVE BEEN INSTALLED PER PLAN. REFER TO WATER HAMMER ARRESTOR SIZING CHART FOR MATERIAL SCHEDULE AND ARRESTOR SIZING.

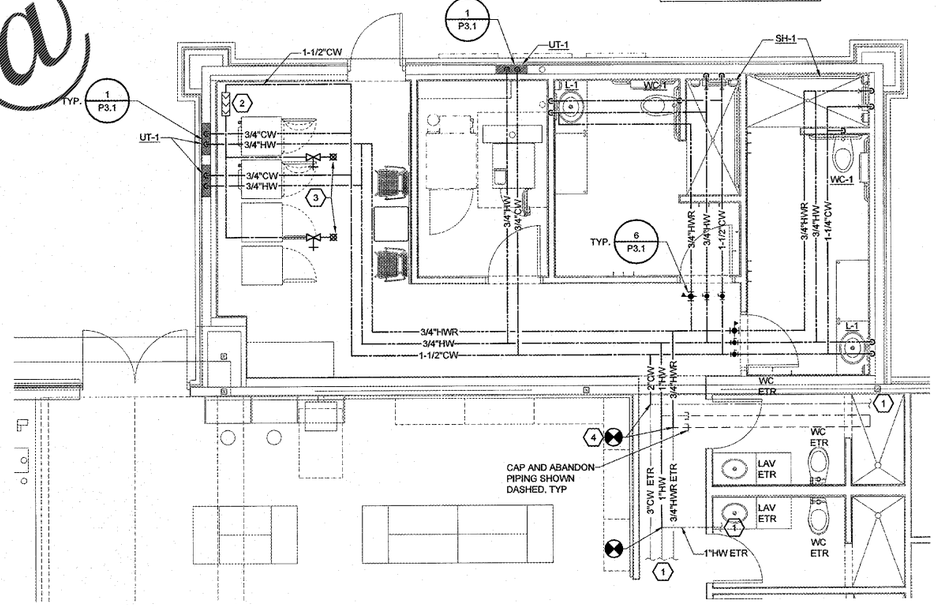
MECHANICAL CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR TO MAINTAIN ALL UNDERGROUND MECHANICAL UTILITIES IN VICINITY OF BUILDING EXPANSION.

FIELD VERIFY FIXTURE LOCATIONS. MAKE FIELD ADJUSTMENTS TO CONNECT TO EXISTING WATER AS NECESSARY.

INSPECT AND TEST ALL EXISTING WATER SUPPLY LINES. REPAIR AND/OR REPLACE AS REQUIRED.



2 DRINK CENTER WATER PLAN
SCALE: 1/4" = 1'-0"



1 SHOWER/LAUNDRY ADDITION WATER PLAN
SCALE: 1/4" = 1'-0"

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. INSTALL ALL REQUIRED CLEANOUTS TO CLEAR EQUIPMENT AND FIXTURES.
3. SANITARY AND VENT PIPING SHALL BE SCHEDULE 40 PVC WITH INSTALLATION IN ACCORDANCE WITH ASTM D-232.1; ALL FITTINGS SHALL BE APPROVED SANITARY TYPE.
4. ALL FIXTURES ARE PROVIDED WITH STANDARD TRAP AND RUN-OUT (NOT SHOWN).
5. ALL WORK SHALL BE PROPERLY TESTED, BALANCED, CLEANED AND DISINFECTED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
6. ALL WASTE PIPING 3"Ø AND SMALLER SHALL BE SLOPED AT 1/4" PER FT. PIPING LARGER THAN 3"Ø SHALL BE SLOPED AT 1/8" PER FT.
7. REFER TO PLUMBING FIXTURE SCHEDULE FOR FIXTURE SPECIFICATIONS.
8. UNDERFLOOR PLUMBING IS SHOWN SCHEMATICALLY FOR VIEWING PURPOSES ONLY; DURING INSTALLATION FIELD MODIFICATIONS TO ROUTING MAY BE REQUIRED.
9. TERMINATE PLUMBING VENTS AT A MINIMUM OF 10 FEET FROM ALL AIR HANDLING EQUIPMENT INTAKE VENTS.
10. CONTRACTOR SHALL VERIFY LOCAL CODE REQUIREMENTS FOR INDIRECT CONNECTIONS FOR FOOD PREP AREAS. CONNECTIONS SHALL BE PROVIDED WITH A MINIMUM 1" AIR GAP, UNLESS REQUIRED OTHERWISE BY LOCAL HEALTH DEPARTMENT.
11. ALL FLOOR DRAINS SHALL HAVE DEEP SEAL P-TRAPS.
12. CONTRACTOR SHALL PROVIDE AND INSTALL APPROPRIATE SLEEVES AND/OR CAULKING AT ALL PENETRATIONS TO ENSURE FIRE RATING IS MAINTAINED.
13. NO PIPING SHOULD RUN EXPOSED IN FINISHED AREAS.
14. DOMESTIC WATER SERVICE PIPE 4" AND SMALLER ABOVE SLAB SHALL BE TYPE "L" HARD DRAWN ASTM B88 COPPER TUBE.
15. INSULATE ALL WATER PIPING EXCEPT EXPOSED TO FIXTURES WITH 1" FIBERGLASS INSULATION WITH NON-COMBUSTIBLE UL RATED VAPOR BARRIER OR CLOSED CELL FLEXIBLE INSULATION EQUAL TO ARMAFLEX II.
16. RUN-OUT SIZES TO INDIVIDUAL PLUMBING FIXTURES TO BE EQUAL TO ROUGH-IN SIZE NOTED IN THE PLUMBING FIXTURE ROUGH-IN SCHEDULE. SHEET P2.
17. PLUMBING/PIPING IS SHOWN SCHEMATICALLY FOR VIEWING PURPOSES ONLY. DURING INSTALLATION FIELD MODIFICATIONS TO ROUTING MAY BE REQUIRED.
18. 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.

(X) KEYNOTES

1. EXISTING CW & HW AND ASSOCIATED PLUMBING FIXTURE PIPING TO REMAIN UNLESS SHOWN OTHERWISE. FIELD VERIFY EXACT LOCATION.
2. LIMITED AREA FIRE PROTECTION FOR THE LAUNDRY ROOM TO BE DESIGNED IN ACCORDANCE WITH NFPA 13, INSULATING UNION, 1-1/2" BACKFLOW PREVENTER WITH OS&Y GATE VALVES, WATER PRESSURE GAUGE, DRAIN VALVE WITH PLUG, AND VALVE SIGNAGE. PLUMBING CONTRACTOR WORK STOPS AT ENTRANCE TO ROOM. ROUTE B.F.P. DRAIN LINE TO AHJ APPROVED RECEPTACLE.
3. PROVIDE 1/2" STANDARD BRASS UPRIGHT TYPE SPRINKLER HEAD. INSTALL IN LOCATION INDICATED A MINIMUM 12" OFF DOOR.
4. CONNECT TO EXISTING HOT/COLD WATER PIPING OF EQUAL OR LARGER SIZE. VERIFY SIZE AND LOCATION AT SITE. PROVIDE SHUT-OFF VALVE IN NEW PIPE AT POINT OF CONNECTION.
5. 1" FILTERED CW MANIFOLD WITH A 1/2" FCW TO EACH OF (2) COFFEE MAKERS (K-22), (2) COFFEE BREWERS (K-22A), (1) CAPPUCCINO MACHINE (S-55), AND (1) TEA BREWER (S-57) WITH BACKFLOW PREVENTER EQUAL TO WATTS SD-3 AND AN ISOLATION VALVE ROUGH-IN 12" A.F.F. EXTEND THE DRAIN LINE FROM THE VENT PORT TO DRAIN BELOW. REFER TO GENERAL NOTE 18 ADDITIONAL REQUIREMENT.
6. 3/8" FILTERED CW WITH ISOLATION VALVE FOR CARBONATOR AND R.P.Z. BACKFLOW PREVENTER EQUAL TO WATTS MODEL SSS009 (S.S.); ROUGH-IN BELOW THE VEILING AND ROUTE DISCHARGE THROUGH AIR GAP FITTING TO FUNNELED FLOOR SINK.
7. 3/8" FCW TO POP-ICE DISPENSER (K-13A) WITH ISOLATION VALVE AND BACKFLOW PREVENTER EQUAL TO WATTS SD-3 (DUEL CHECK).
8. 1/2" FCW TO "ICEMAKER" (K-95) WITH ISOLATION VALVE AND BACKFLOW PREVENTER WATTS MODEL SD-3 (DUEL CHECK).

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