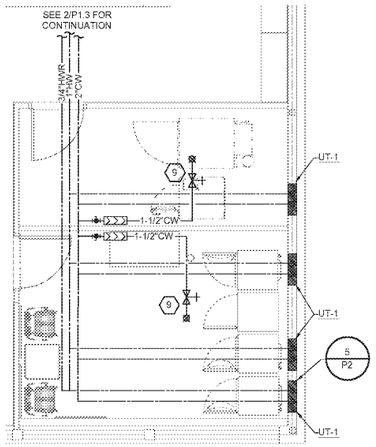
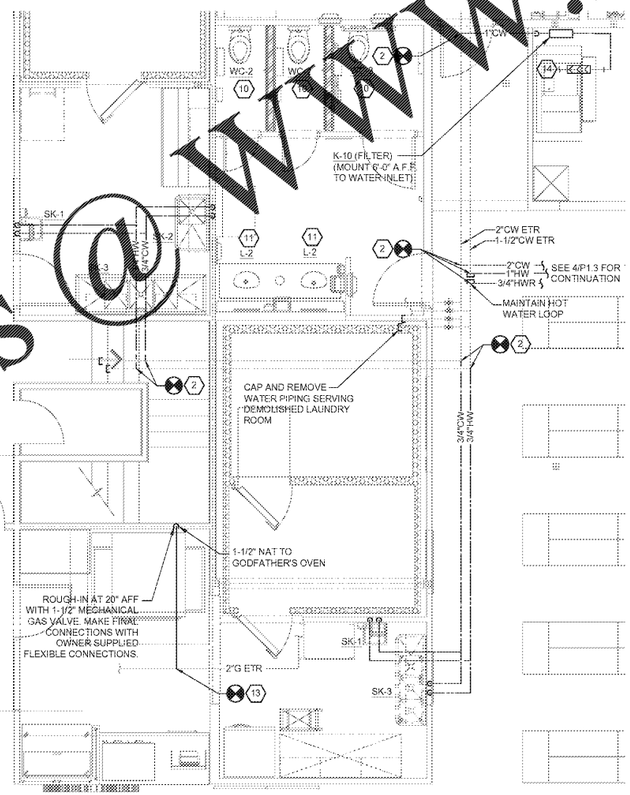
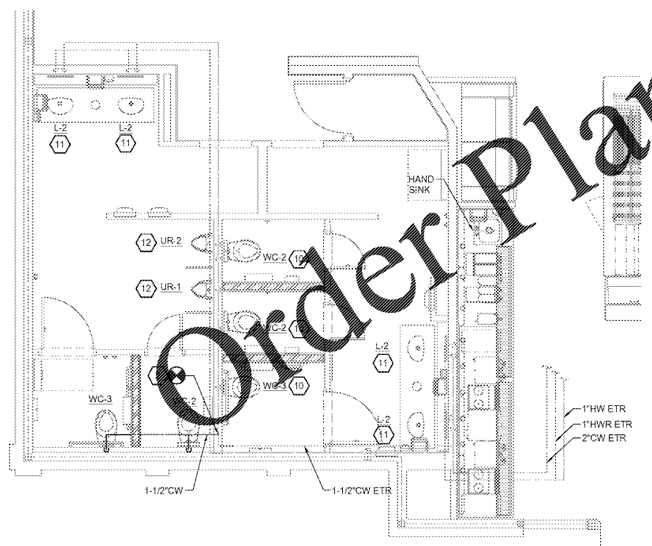


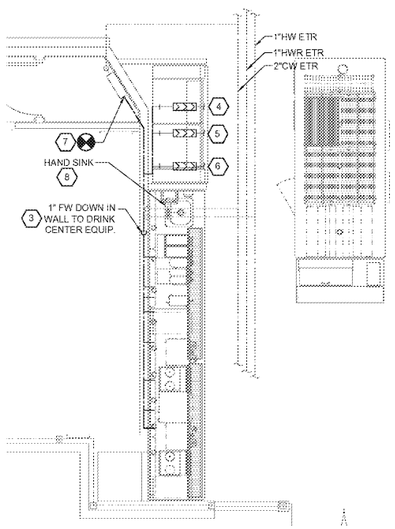
4 LAUNDRY ROOM WATER PLAN
SCALE: 1/4" = 1'-0"



2 PREP ROOM WATER PLAN
SCALE: 1/4" = 1'-0"



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



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

KEYNOTES

1. EXISTING CW & HW AND ASSOCIATED PLUMBING FIXTURE PIPING TO REMAIN UNLESS SHOWN OTHERWISE. FIELD VERIFY EXACT LOCATION.
2. 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.
3. 1" FILTERED CW MANIFOLD WITH A 1/2" FCW TO EACH OF (1) COFFEE MAKERS (K-22), (2) COFFEE BREWERS (K-22A), (1) CAPPUCCINO MACHINE (S-55), (1) HOT WATER DISPENSER (S-57C) AND (1) TEA BREWER (S-59) 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.
4. 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.
5. 3/8" FCW TO POP-ICE DISPENSER (K-13A) WITH ISOLATION VALVE AND BACKFLOW PREVENTER EQUAL TO WATTS SD-3 (DUEL CHECK)
6. 1/2" FCW TO "ICEMAKER" (K-95) WITH ISOLATION VALVE AND BACKFLOW PREVENTER WATTS MODEL SD-3 (DUAL CHECK)
7. ROUTE NEW WATER FILTER PIPING AS SHOWN. REUSE PIPING AND FITTINGS WHERE POSSIBLE.
8. MAKE ALL NECESSARY CONNECTS & DISCONNECTS OF HOT AND COLD WATER PIPING TO BEVERAGE BAR SINK BEING REPLACED.
9. 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 NEAREST APPROVED RECEPTICLE.
10. REMOVE EXISTING WATER CLOSET. INSTALL NEW WATER CLOSET PER SCHEDULE. LOCATE NEW WATER CLOSET PER ARCHITECTURAL PLANS AND ADA REQUIREMENTS. RECONNECT TO NEAREST EXISTING CW, SANITARY SEWER, AND VENT PIPING OF ADEQUATE SIZE.
11. REMOVE EXISTING LAVATORY. INSTALL NEW LAVATORY PER SCHEDULE. LOCATE NEW LAVATORY PER ARCHITECTURAL PLANS AND ADA REQUIREMENTS. RECONNECT TO NEAREST EXISTING HW, CW, SANITARY SEWER, AND VENT PIPING OF ADEQUATE SIZE.
12. REMOVE EXISTING URINAL. INSTALL NEW URINAL PER SCHEDULE. LOCATE NEW URINAL PER ARCHITECTURAL PLANS AND ADA REQUIREMENTS. RECONNECT TO NEAREST EXISTING CW, SANITARY SEWER, AND VENT PIPING OF ADEQUATE SIZE.
13. CONNECT TO EXISTING NATURAL GAS PIPING OF EQUAL OR LARGER SIZE. VERIFY SIZE AND LOCATION AT SITE. PROVIDE SHUT-OFF VALVE IN NEW PIPE AT POINT OF CONNECTION.
14. 1/2" FCW TO "ICEMAKER" (K-95) WITH ISOLATION VALVE AND BACKFLOW PREVENTER WATTS MODEL SD-3 (DUAL CHECK).

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 CLEANOUT (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. CONDENSATE PIPING SHALL BE TYPE "L" HARD DRAWN SEAMLESS COPPER TUBE.
12. CONTRACTOR SHALL PROVIDE 4" PVC SLEEVES THRU THE ROOF AS REQUIRED BY THE ROOF MOUNTED CONDENSING UNITS; REFER TO ARCHITECTURAL ROOF PLAN FOR THE LOCATIONS.
13. CONTRACTOR SHALL PROVIDE AND INSTALL APPROPRIATE SLEEVES AND/OR CAULKING AT ALL PENETRATIONS TO ENSURE FIRE RATING IS MAINTAINED.
14. NO PIPING SHOULD RUN EXPOSED IN FINISHED AREAS.
15. PROVIDE ASSE 1072 BARRIER TYPE TRAP SEAL PROTECTION FOR ALL FLOOR DRAINS AND FLOOR SINKS EQUIVALENT TO SURE SEAL.
16. DOMESTIC WATER SERVICE PIPE 4" AND SMALLER ABOVE SLAB SHALL BE TYPE "L" HARD DRAWN ASTM B88 COPPER TUBE.
17. 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.
18. RUN-OUT SIZES TO INDIVIDUAL PLUMBING FIXTURES TO BE EQUAL TO ROUGH-IN SIZE NOTED IN THE PLUMBING FIXTURE ROUGH-IN SCHEDULE.
19. 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.
20. GAS PIPING SHALL BE SCHEDULE 40 BLACK STEEL PIPE WITH MALLEABLE IRON FITTINGS OR WELDED. VALVES AND OTHER EQUIPMENT SHALL HAVE SCREWED JOINTS OR WELDED.
21. TEST ALL LOW PRESSURE GAS PIPING FOR A PERIOD OF NOT LESS THAN TWO HOURS AT A PRESSURE OF NOT LESS THAN 60 PSIG, USING SOAP AND WATER OR SIMILAR MATERIALS AT ALL JOINTS WHEN LEAK TESTING. ALL EQUIPMENT MUST BE ISOLATED FROM THE GAS PIPING SYSTEM.
22. PLUMBING/PIPING IS SHOWN SCHEMATICALLY FOR VIEWING PURPOSES ONLY. DURING INSTALLATION FIELD MODIFICATIONS TO ROUTING MAY BE REQUIRED.
23. ALL HORIZONTAL ROOF DRAINAGE PIPING SHALL BE SLOPED AT 1/2" PER FOOT MINIMUM, UNLESS NOTED OTHERWISE.

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.

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.

HFA
HOSPITALITY FACILITY ARCHITECTURE
HARRISON FRENCH & ASSOCIATES, LTD
1705 S. Walton Blvd., Suite 3
Bentonville, Arkansas 72712
t 479.273.7780
f 888.326.9685
www.hfa-ae.com

STIPULATION FOR REUSE
THIS DRAWING WAS PREPARED FOR USE ON THIS SPECIFIC PROJECT AND IS NOT TO BE USED ON ANY OTHER PROJECT OR AT ANY OTHER SITE WITHOUT THE EXPRESS WRITTEN PERMISSION OF HARRISON FRENCH & ASSOCIATES, LTD. ANY REUSE WITHOUT SUCH PERMISSION WILL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO HARRISON FRENCH & ASSOCIATES, LTD. THE USER SHALL INDEMNIFY AND HOLD HARRISON FRENCH & ASSOCIATES, LTD. HARMLESS FROM ALL CLAIMS, DAMAGES, LOSSES AND EXPENSES ARISING OUT OF OR RESULTING THEREFROM.

REMODEL
STORE NUMBER: 417
3150 GRANT ST
GARY, IN 46408
JOB NUMBER: 03-18-10417

ISSUE BLOCK

CHECKED BY:	JKR
DRAWN BY:	DNM
DOCUMENT DATE:	02/05/21

JOHN KENNETH RAY
No. 11800661
STATE OF INDIANA
REGISTERED ARCHITECT
2021.02.08 15:51:25-06'00'

WATER PLUMBING FLOOR PLANS

SHEET:
P1.4

Order Plans @ WWW.LDIline.com

FieldS 20r1-3.35pr1 - User: rachael.morley
L:\03\03-18-10417 Lowes - Gary, IN 417\CONDCOS\MEP_332 P1.4 WATER PLUMBING FLOOR PLANS 417.dwg