

PARTIAL FIRST FLOOR PLUMBING PLAN
SCALE: 1/16" = 1'-0"

- GENERAL NOTES:**
- THE FOLLOWING NOTES AND ANY OTHER GENERAL NOTES IN THE DRAWINGS ARE GENERAL IN NATURE AND PERTAIN TO THE ENTIRE PROJECT. WHERE THERE ARE EXCEPTIONS, ADDITIONS, OR REVISIONS TO THESE NOTES, SUCH EXCEPTIONS, ADDITIONS OR REVISIONS ARE SO NOTED ON THE PARTICULAR DRAWING WHERE THEY OCCUR. (APPLIES TO ALL PLUMBING (P-) SHEETS).
- LIST OF ABBREVIATIONS, ACRONYMS, AND SYMBOLS IS A STANDARD LIST, NOT ALL SYMBOLS SHOWN ON THE PLUMBING LEGEND MAY BE USED FOR THIS PROJECT.
 - ACCESS PANELS ARE REQUIRED IN WALLS, FLOORS, AND SUSPENDED CEILING (EXCEPT LAY-IN TYPE) FOR ACCESS TO ALL VALVES, TRAPS, DAMPERS, CLEANOUTS, CONTROLS, SMOKE DETECTORS, ETC. PANELS SHALL BE FURNISHED AND INSTALLED UNDER ARCHITECTURAL SPECIFICATIONS.
 - PIPING SHOWN ON THE PLANS ARE DIAGRAMMATIC, AND MAY NOT SHOW ALL BENDS, OFFSETS, ROUTING, AND FITTINGS NECESSARY FOR THE INSTALLATION OF THE WORK AS INTENDED.
 - THE PLUMBING CONTRACTOR SHALL COORDINATE WITH ALL OTHER TRADES IN THE INSTALLATION OF PLUMBING EQUIPMENT AND ALL ASSOCIATED ACCESSORIES, PRIOR TO INSTALLING EQUIPMENT.
 - THE CONTRACTOR SHALL LOCATE AND MARK ALL EXISTING UTILITIES ON SITE PRIOR TO GRADING OR EXCAVATION. THIS SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION.
 - ALL DIMENSIONS ARE SHOWN IN INCHES UNLESS OTHERWISE NOTED.
 - PROVIDE MECHANICAL SLEEVE SEALS FOR PENETRATIONS BELOW GRADE.
 - CONCEAL PIPING WHENEVER POSSIBLE UNLESS NOTED OTHERWISE.
 - ALL FIXTURES ARE TO BE EQUIPPED WITH STOP VALVES IN AN ACCESSIBLE LOCATION.
 - INSTALL ALL EXTERIOR FREEZE PROOF WALL HYDRANTS APPROXIMATELY 20" ABOVE FINISHED GRADE.
 - INSTALL ALL INTERIOR HOSE BIBBS APPROXIMATELY 12" ABOVE FINISHED FLOOR.
 - PLUMBING FIXTURE AND EQUIPMENT MOUNTING HEIGHTS TO BE AS FOLLOWS UNLESS DIRECTED OTHERWISE BY ARCHITECTURAL DOCUMENTATION. IN CASE OF CONFLICTING MOUNTING HEIGHTS THE ARCHITECTURAL DOCUMENTATION SHALL TAKE PRECEDENCE.
 - A. RIM HEIGHT OF ALL WALL HUNG LAVATORIES - 31" (HANDICAP - 34")
 - B. LIP HEIGHT OF ALL WALL HUNG URINALS - 24" (HANDICAP - 17")
 - C. RIM HEIGHT OF ALL WALL HUNG WATER CLOSETS - 15" (HANDICAP - 17")
 - D. SPOUT CENTERLINE HEIGHT OF ALL HANDICAP ACCESS EWCS - 36"

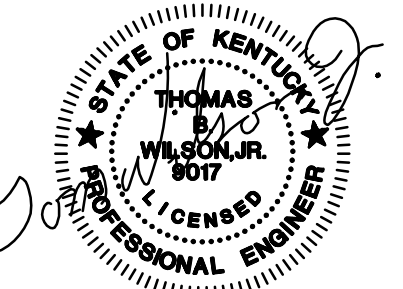
- SHEET NOTES:**
- FOR PLUMBING IN THIS AREA SEE ENLARGED PLAN SHEET UFL-L12-P-003.
 - PROVIDE A 4" VENT UP AND THROUGH THE ROOF AWAY FROM THE KENTUCKY STATE PLUMBING CODE. CONTRACTOR IS TO COORDINATE WITH OTHER TRADES TO ENSURE PIPING DOES NOT INTERFERE WITH OTHER SYSTEMS OR WITH THE SAFE OPERATION OF THE PLANT. OFFSET VENT AS NECESSARY TO KEEP A MINIMUM 10' FROM EDGE OF ROOF OR FROM ANY FRESH AIR INTAKE.
 - PROVIDE IAW MANUFACTURERS RECOMMENDATIONS, A PPP MODEL "OREGON #1" TRAP PRIMER OR EQUAL WITH A PPP MODEL DU-U DISTRIBUTION UNIT. CONNECT TO ED-2 IN COATING ROOM P-139 & ED-2 IN MOD PUMP ROOM P-140 (SEE DETAIL SHEET UFL-L12-P-003).
 - PROVIDE IAW MANUFACTURERS RECOMMENDATIONS, A PPP MODEL "OREGON #1" TRAP PRIMER OR EQUAL. CONNECT TO ED-2 IN MOD AREA P-136 (SEE DETAIL SHEET UFL-L12-P-003).
 - PROVIDE IAW MANUFACTURERS RECOMMENDATIONS, A PPP MODEL "OREGON #1" TRAP PRIMER OR EQUAL WITH A PPP MODEL DU-U DISTRIBUTION UNIT. CONNECT TO (2EA) ED-2 IN FILTER ROOM P-142 & ED-2 IN MOD AREA P-136 (SEE DETAIL SHEET UFL-L12-P-003).
 - PROVIDE IAW MANUFACTURERS RECOMMENDATIONS, A PPP MODEL "OREGON #1" TRAP PRIMER OR EQUAL WITH A PPP MODEL DU-U DISTRIBUTION UNIT. CONNECT TO (2EA) ED-2 IN RECYCLING AREA P-121 & (2EA) ED-2 IN COMPRESSOR ROOM P-123 (SEE DETAIL SHEET UFL-L12-P-003).
 - PROVIDE IAW MANUFACTURERS RECOMMENDATIONS, A PPP MODEL "OREGON #1" TRAP PRIMER OR EQUAL WITH A PPP MODEL DU-U DISTRIBUTION UNIT. CONNECT TO (2EA) ED-2 IN CHILLER ROOM P-134 (SEE DETAIL SHEET UFL-L12-P-003).
 - NOTE NOT USED.
 - NOTE NOT USED.
 - 1/2" DOMESTIC WATER LINE UP TO TRAP PRIMER IN ROOM A P-201.
 - NOTE NOT USED.
 - NOTE NOT USED.
 - DOMESTIC WATER FOR EQUIPMENT CLEANING. PROVIDE HOSE BIBB WITH VACUUM BREAKER, 50' OF HOSE WITH HANGER.
 - DOMESTIC WATER FOR MAKE-UP WATER FOR SECONDARY COOLING LOOP. PROVIDE WILKINS, MODEL 975XL (SEE TO BE DETERMINED BY LINE SIZE INDICATED ON FLOOR PLAN) REDUCED PRESSURE BACKFLOW PREVENTER WITH AIR GAP FITTING (SEE EQUIPMENT SUPPLIER DRAWINGS FOR CONNECTION DETAILS).
 - DOMESTIC WATER FOR CHILL WATER MAKE-UP. PROVIDE WILKINS, MODEL 975XL, 1-1/2" REDUCED PRESSURE BACKFLOW PREVENTER WITH AIR GAP FITTING (SEE ENLARGED CHILLER ROOM SHEET UFL-L12-M-008).
 - NOTE NOT USED.
 - PROVIDE 30x30x20 SUMP.
 - PROVIDE A 7 CUBIC FOOT CONCRETE TANK FOR CHEMICALS. TANK SHOULD BE ABLE TO CONTAIN 55 GALLON PLASTIC DRUM.
 - 1" DOMESTIC WATER FOR MAKE-UP WATER FOR SECONDARY COOLING LOOP FOR CHILLED ROLL AND MDO COOLING. PROVIDE WILKINS, MODEL 975XL, REDUCED PRESSURE BACKFLOW PREVENTER WITH AIR GAP FITTING (SEE EQUIPMENT SUPPLIER DRAWINGS FOR CONNECTION DETAILS).
 - FLOOR DRAIN TO BE INSTALLED IN TRENCH.
 - 1" DOMESTIC WATERLINE UP FOR MAKE-UP WATER FOR SECONDARY COOLING LOOP FOR TUT & TDO COOLING.

- SHEET NOTES:** (CONTINUED)
- NATURAL GAS 5 PSI AND 2 PSI REGULATOR BY CONTRACTOR.
 - 5 PSI TO OIL HEATERS (28,000 CFH).
 - 2 PSI PRESSURE TO UNIT HEATERS (3,500 CFH).
 - MOUNT ABOVE CRANE.
 - MOUNT BOTTOM OF UNIT AT 20'-0".
 - SEE SITE UTILITIES PLAN FOR CONTINUATION.
 - DOMESTIC WATER TO YARD HYDRANT BY TRAIN PLATFORM.
 - PROVIDE NATURAL GAS LINE AND ISOLATION VALVE FOR OWNER PROVIDED BOILER.
 - EXTEND ELECTRIC WATER HEATER DRAIN PAN AND PRESSURE TEMPERATURE RELIEF VALVE PIPING OUT EXTERIOR WALL AND DOWN. TERMINATE 6" ABOVE FINISHED GRADE AND STUB OUT AWAY FROM WALL WITH TYPE "M" COPPER TELL.
 - EXTEND GAS PIPE UP THROUGH ROOF CURB AND CONNECT TO ROOF TOP UNIT.

PARTIAL FIRST FLOOR PLUMBING PLAN & LEGEND
SCALE: 1/16" = 1'-0"

PLUMBING LEGEND	
SYMBOL	DESCRIPTION
—	WASTE PIPE
—	VENT PIPE
—	DOMESTIC COLD WATER
—	DOMESTIC TEMPERED HOT WATER (110°)
—	GAS PIPING
—	STORM SEWER
—	ROOF LEADER
—	PIPE TURNED UP
—	PIPE TURNED DOWN
—	PIPE OUT TOP
—	PIPE OUT BOTTOM
—	UNION
—	BALL VALVE
—	GATE VALVE
—	BUTTERFLY VALVE
—	GLOBE VALVE
—	CHECK VALVE
—	RELIEF VALVE
—	STRAINER
—	THERMOMETER
—	SHEET NOTE
—	ABOVE FINISHED FLOOR
—	UNLESS OTHERWISE NOTED
—	PLUMBING FIXTURE
—	CLEAN OUT
—	HOSE BIBB
—	FREEZE PROOF WALL HYDRANT
—	FLOOR DRAIN

DOMESTIC WATER POINT		
(NO)	AREA	LEVEL
1	CHILLER AREA	0'-0"
2	WOMEN'S P-129 & MEN'S P-130 RESTROOMS	0'-0"
3	EXTRUSION DRYER TOWER	32'-9"
4	SCANNER 1	0'-0"
5	CHILL ROLL	0'-0"
6	CO-EXTRUDER	9'-9"
7	NOT USED	16'-3"
8	COATING ROOM P-139	5'-10"
9	WOMEN'S P-101 & MEN'S P-103 RESTROOMS & DINING ROOM P-104	0'-0"
10	WOMEN'S 101 & MEN'S 102 RESTROOMS	0'-0"
11	NOT USED	16'-3"
12	LABORATORY P-118	0'-0"
13	PAPER CORE STORAGE P-107	0'-0"
14	PACKING P-109	0'-0"
15	PACKING P-109	0'-0"
16	NOT USED	16'-3"
17	THERMIC FLUID HEATER ROOM P-122	0'-0"
18	RECYCLING AREA P-121	0'-0"
19	TOILET 106	0'-0"
20	WOMEN'S P-116 & MEN'S P-115 RESTROOMS	0'-0"
21	SCANNER 2	0'-0"
22	TOILET 108	0'-0"
23	WOMEN'S 130 & MEN'S P-131 RESTROOMS	0'-0"



DATE: REV. 1.11 VALUE ENGINEERING RE-DESIGN DOCUMENT
 REV. 1.12 REVISING ASSOCIATED WITH REISED FLOOR PLAN

BY: [Signature]

DESIGNED BY: TBW
 DRAWN BY: RCD
 CHECKED BY: TBW
 REVIEWED BY: LMW

DATE: JULY 2011
 SCALE: AS NOTED

PROJECT NO. 8529-02
 DESIGNED BY: TBW
 DRAWN BY: RCD
 CHECKED BY: TBW
 REVIEWED BY: LMW

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DRAWING NO.
**UFL-L12
 P-001A**

PROJECT L-12 BOPET U.S.A.

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 ELIZABETHTOWN, KENTUCKY 42702

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