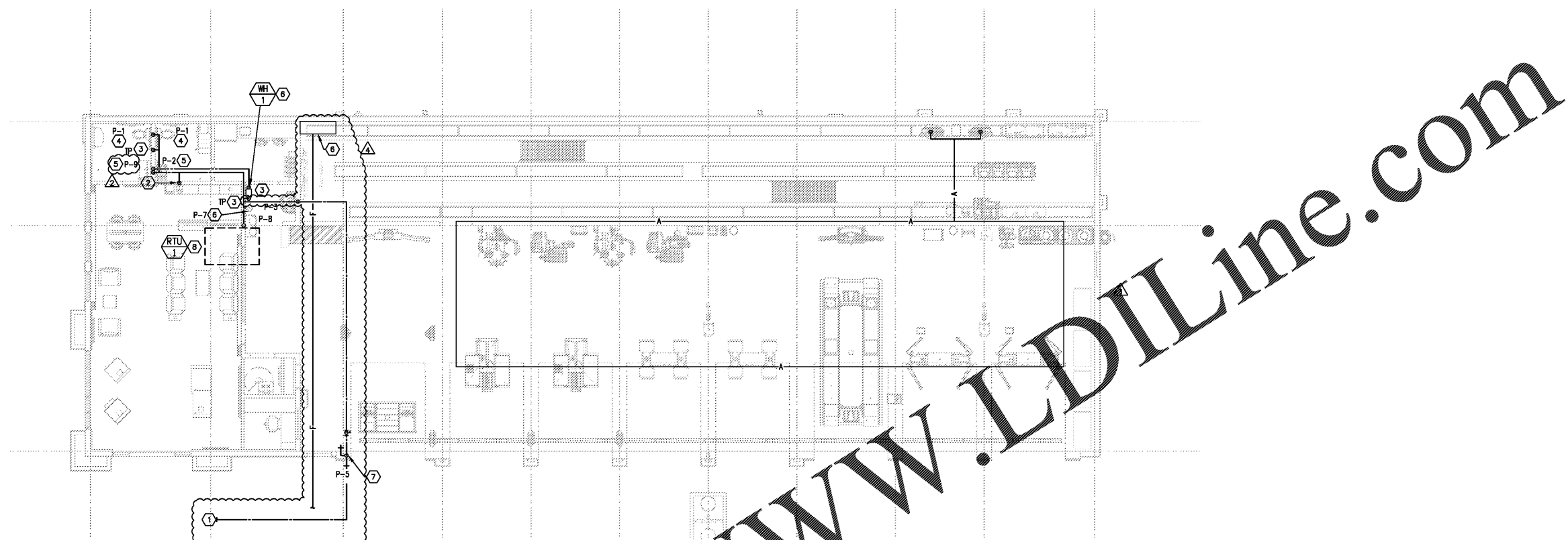


ISSUE	DATE
PERMIT PLAN REVIEW	22-JUL-2019
BID SET	09-DEC-2019

REVISION	DATE
01 DESIGN UPDATES	15-AUG-2019
04 DESIGN UPDATES	20-DEC-2019



1 PLUMBING PLAN - WATER & COMPRESSED AIR
1/8" = 1'-0"

GENERAL NOTES

- A. CONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS, SPECIFICATIONS AND EXISTING CONDITIONS FOR BIDDING PURPOSES. FAILURE TO ACQUAINT THEMSELVES WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THEIR WORK.
- B. NOT ALL EXISTING EQUIPMENT, PIPING, DUCTWORK, ETC. IS SHOWN ON THE PLANS. ALL EXISTING EQUIPMENT AND PIPING SHOWN DOES NOT REFLECT ALL OFFSETS, LENGTHS AND LOCATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING EQUIPMENT AND PIPING TO BE REMOVED AND/OR CONNECTED TO PRIOR TO BID.
- C. FIELD VERIFY LOCATIONS AND QUANTITY OF ALL EXISTING EQUIPMENT, FIXTURES, DUCTWORK AND PIPING NECESSARY TO COMPLETE SCOPE OF WORK.
- D. CONCRETE CUTS SHALL BE STRAIGHT AND CLEAN. REPLACE SLAB WITH CONCRETE PATCH AND SMOOTH WITH ADJACENT.
- E. WASTE & VENT PIPING BELOW GRADE AND BELOW FLOOR SHALL BE 2" MIN.
- F. FIELD VERIFY SIZE, LOCATION & ELEVATION OF EXISTING SANITARY SEWER.
- G. PITCH ALL UNDERFLOOR SANITARY PIPING 4" AND GREATER AT 1/8" PER FOOT. ALL OTHER BELOW GRADE PIPING SLOPED AT 1/4" PER FOOT.
- H. CLEANOUTS MUST BE INSTALLED WHERE SHOWN ON PLANS AND ADDITIONAL CLEANOUTS WHERE REQUIRED BY CODE.
- I. REFER TO SCHEDULES FOR WATER RISERS 1/P-3 & 2/P-3 FOR ADDITIONAL SIZES AND NOTES. REFER TO SHEETS P-3 & P-4 FOR ADDITIONAL NOTES, DETAILS AND SCHEDULES.
PLUMBING CONTRACTOR SHALL PROVIDE CROSS CONNECTION CONTROL PER IPC 606.
- K. WASTE VENT PIPING IN PLENUM CEILING SPACES TO BE CAST IRON NO HUB, SEE SPECIFICATIONS.
- L. IF APPLICABLE, REFER TO GAS RISER 3/P-3 FOR ADDITIONAL GAS PIPE SIZES AND NOTES.
- M. COORDINATE ROUTING OF WATER, VENT, WASTE AND STORM PIPING WITH STRUCTURE, CEILING ELEVATION, ELECTRICAL SWITCHGEAR, DUCTWORK, LIGHTS, SPRINKLER PIPING AND ALL OTHER TRADES.
- N. COORDINATE KITCHEN ROUGH-IN REQUIREMENTS WITH FOOD SERVICE DRAWINGS AND SCHEDULES.
- O. WASTE CONTAINING GREASE SHALL DISCHARGE THRU GREASE WASTE AS SHOWN.
- P. ALL HUB DRAINS AND INDIRECT DRAINS SHALL BE MOUNTED IN EXPOSED READILY ACCESSIBLE LOCATIONS. COORDINATE FINAL DRAIN LOCATIONS WITH KITCHEN EQUIPMENT.
- Q. MATERIAL EXPOSED WITHIN RETURN AIR PLENUM CEILINGS SHALL COMPLY WITH IMC SECTION 602.2, LATEST EDITION.
- R. PLUMBING SUBCONTRACTOR SHALL BE RESPONSIBLE FOR TESTED & RATED FIRE STOP SYSTEMS FOR ALL THRU-PENETRATION OF WALLS, FLOORS & ROOF ASSEMBLIES RESULTING FROM PIPING & OTHER WORK UNDER HIS CONTRACT. REFER TO FIRESTOPPING SPEC SECTION FOR REQUIREMENTS.
- S. PLUMBING CONTRACTOR SHALL ENSURE THAT ALL EQUIPMENT AND PIPING NOT BEING USED IS FULLY REMOVED AND NOT ABANDONED. COORDINATE REQUIREMENTS WITH THE GENERAL CONTRACTOR AND LANDLORD. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. VERIFY SCOPE OF WORK WITH THE GENERAL CONTRACTOR PRIOR TO BID AND INCLUDE ALL COSTS IN BID AS DIRECTED BY THE GENERAL CONTRACTOR.
- T. ALL INSTALLATIONS, EQUIPMENT AND MATERIAL SHALL COMPLY WITH ALL APPLICABLE LANDLORD REQUIREMENTS.

PLUMBING SUPPLY KEYNOTES

- 1. CONNECT 1-1/2" COLD WATER TO COLD DOMESTIC WATER SUPPLY STUB-IN NEAR RISER ROOM WITH SHUT-OFF VALVE. CONNECT WITH 1-1/2" WATER METER AND 1-1/2" WATTS LF009 BACKFLOW PREVENTER. FIELD VERIFY EXACT PIPE SIZE AND LOCATION WITH CIVIL SITE UTILITY DRAWINGS PRIOR TO BID.
- 2. PROVIDE 1/2" CW SUPPLY IN WALL TO SERVE COFFEE MAKER. FIELD VERIFY EXACT LOCATION. CONNECTION TO COFFEE MAKER SHALL BE PROVIDED WITH A WATTS SD-3 ASSE 1022 BACKFLOW PREVENTER.
- 3. FURNISH AND INSTALL MIFAB MR-500 TRAP PRIMER WITH MI-DU-2 DISTRIBUTOR PER LOCAL CODE. PROVIDE ACCESS FOR SERVICE AS REQUIRED BY LOCAL CODE. COORDINATE EXACT LOCATION WITH ARCHITECT. SLEEVE COLD WATER LINE BELOW SLAB IN PVC SLEEVE.
- 4. FURNISH AND INSTALL NEW TOILET ROOM FIXTURES AS INDICATED. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. FIELD VERIFY EXACT CONDITIONS PRIOR TO BID, ALSO SEE ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.
- 5. PROVIDE LAWLER MODEL #1MM-1070 ASSE 1070, POINT OF USE THERMOSTATIC MIXING VALVE UNDER EACH HAND SINK. SET HOT WATER MIXING VALVE TEMPERATURE TO 110 DEG. F. PROVIDE SHUTOFF VALVES AND CHECK VALVES FOR ALL PIPES CONNECTING TO MIXING VALVE.
- 6. PLUMBING CONTRACTOR TO FURNISH AND INSTALL NEW INSTANTANEOUS HOT WATER HEATER (WH-1). SEE SCHEDULE ON P-3 FOR ADDITIONAL INFORMATION. MOUNT TO WALL IN CEILING PLENUM. ROUTE 1-1/4" CW INTO WH (REDUCE AT UNIT CONNECTION) AND EXTEND 1-1/2" HW CONTINUOUS MAIN TO BATHROOMS.
- 7. PROVIDE WALL HYDRANT IN LOCATION INDICATED. SEE PLUMBING FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. FIELD VERIFY EXACT CONDITIONS PRIOR TO BID, ALSO SEE ARCHITECTURAL FOR ADDITIONAL REQUIREMENTS.
- 8. ROUTE CONDENSATE TO DISCHARGE INDIRECTLY TO STORM GUTTER/DOWNSPOUT.
- 9. FIRE SPRINKLER RISER. REFER TO SHEET PS DETAIL 1. SPRINKLER SYSTEM SHALL BE DESIGNED AND INSTALLED BY LICENSED SPRINKLER CONTRACTOR. COORDINATE ROUTING OF INCOMING WATER SERVICE WITH WATER UTILITY AND LOCAL FIRE MARSHALL. COORDINATE LIMITS OF WORK WITH GC, AS THIS MAYBE CLAIMED BY PC OR FC.

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