

PLUMBING GENERAL NOTES:

- 1. ADHERE TO ALL STATE CODES AND LOCAL CODES THAT HAVE AUTHORITY OF JURISDICTION OVER THIS PROJECT.
2. CONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR VERIFYING ACTUAL CONDITIONS AT THE SITE AND NOTING ALL DISCREPANCIES TO THE OWNER PRIOR TO WORK COMMENCEMENT.
3. ALL EXISTING LAYOUTS INDICATED ON THESE DOCUMENTS ARE BASED ON INFORMATION AVAILABLE AND MAY INCLUDE INACCURACIES AND BE INCOMPLETE.
4. A WALL CLEANOUT SHALL BE LOCATED TO SERVE A BATTERY OF FIXTURES AT OR ABOVE THE WATER LINE OF WATER CLOSIS.
5. PROVIDE CROSS CONNECTION CONTROL FOR DOMESTIC WATER SUPPLY AS REQUIRED BY LOCAL CODES WHICH NOT PROVIDED BY EQUIPMENT MANUFACTURER.
6. GRATINGS OF FLOOR DRAINS AND FLOOR SINKS SHALL BE INSTALLED FLUSH WITH FLOOR.
7. SANITARY AND VENT PIPING SHALL BE INSTALLED WITH A SLOPE OF NO LESS THAN 1/4" PER FOOT UNLESS NOTED OTHERWISE.
8. REFERENCE ARCHITECTURAL FOR FINISHED FLOOR ELEVATIONS.
9. EACH TRADE SHALL COORDINATE THE ROUTING AND INSTALLATION OF HIS WORK WITH THAT OF ALL OTHER TRADES THROUGH THE GENERAL CONTRACTOR.
10. PIPING PENETRATIONS THRU PERIMETER BEAMS, FOUNDATION ON GRADE, AND STRUCTURAL FLOORS SHALL BE SLEEVED.
11. MAKE FINAL CONNECTIONS TO TENANT EQUIPMENT REQUIRING WASTE, VENT AND DOMESTIC WATER SUPPLY, AND CROSS CONNECTION CONTROL.
12. THREADED HOSE BIBBS, WALL HYDRANTS OR FAUCET CONNECTIONS SHALL BE PROVIDED WITH INTEGRAL ATMOSPHERIC VACUUM BREAKER OR AN APPROVED BACKFLOW PREVENTION DEVICE.
13. PROVIDE PIPE LABELS WITH DIRECTIONAL ARROWS FOR MEDICAL PIPING, COLD WATER, HOT WATER, AND HOT WATER RETURN PIPING.
14. PROVIDE VALVE TAGS WITH 1/4" INCH LETTERS AND 1/2" INCH NUMBERS.
15. ALL RECESSED EQUIPMENT REQUIRING ACCESS SHALL BE PROVIDED WITH PERMANENT ACCESS.
16. MAINTAIN 15" MINIMUM CLEARANCE FROM VENTS THROUGH ROOF TO OUTSIDE AIR INTAKES AND OPENINGS TO BUILDINGS.
17. REFER TO RISER DIAGRAMS AND DETAILS FOR ADDITIONAL SIZES AND INFORMATION.
18. SALVAGE ITEMS AND MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH AN APPROVED WASTE MANAGEMENT PLAN.
19. PIPING AND RELATED EQUIPMENT SHALL BE RATED FOR USE IN RETURN AIR PLENUM CONSTRUCTION.
20. INSULATE COPPER LINES FROM CONTACT WITH CONCRETE, REINFORCING STEEL, OR OTHER PIPING AND CONDUIT.
21. PROVIDE ESCUTCHEON PLATES AT ALL PIPING PENETRATIONS THRU FINISHED WALLS OR CEILING.
22. PROVIDE ALL EQUIPMENT, MATERIAL, LABOR, SUPERVISION, COSTS AND SERVICES REQUIRED TO COMPLETELY INSTALL COMPLETE AND WORKING SYSTEMS INCLUDING ALL ITEMS AND APPURTENANCES NECESSARY, REASONABLE, INCIDENTAL, OR CUSTOMARILY INCLUDED, EVEN THOUGH EACH AND EVERY ITEM IS NOT SPECIFIED OR SHOWN.
23. THESE PLANS ARE DIAGRAMMATIC IN NATURE. CONTRACTORS SHALL INCLUDE APPROPRIATE ALLOWANCES FOR OFFSETS AS REQUIRED TO ACCOMMODATE VERTICAL, AND HORIZONTAL VARIATIONS IN THE LOCATIONS AND ELEVATIONS OF DUCTWORK, PIPING AND EXISTING CONDITIONS.
24. PENETRATIONS OF WALLS OR FLOORS FOR THE PASSAGE OF PIPING, DUCTWORK OR OTHER EQUIPMENT SHALL BE PROPERLY SEALED AFTER INSTALLATION OF EQUIPMENT.
25. WHERE PIPES PASS THROUGH FIRE PARTITIONS, FIRE WALLS, SMOCK PARTITIONS, OR FLOORS, INSTALL A FIRE STOP THAT PROVIDES AN EFFECTIVE BARRIER AGAINST THE SPREAD OF FIRE, SMOKE AND GASES.
26. PROVIDE DIELECTRIC UNIONS AT DISSIMILAR MATERIALS.
27. ALL PIPING SHALL BE INSTALLED FREE OF SAGS AND BENDS.
28. CONTRACTOR SHALL CLEAN, FLUSH, AND DISINFECT ALL DOMESTIC WATER PIPING AND FIXTURES PRIOR TO COMPLETION OF WORK.
29. APPROXIMATE LOCATIONS OF PLUMBING ITEMS ARE INDICATED ON THE PLANS.
30. DISCHARGE PIPING FROM A DISHWASHER SHALL BE ROUTED THROUGH AND APPROVED DISHWASHER AIR GAP FITTING INSTALLED AT COUNTER LEVEL AT SINK.
31. PROVIDE ENGRAVED LABELS FOR ALL EQUIPMENT.
32. SHOULD ANY CHANGES OCCUR DUE TO COORDINATION WITH OTHER BUILDING TRADES AND CONFLICTS WITH THE PLANS, THE CONTRACTOR SHALL SUBMIT FOR THE ARCHITECT'S APPROVAL AN ALTERNATIVE METHOD OF COMPLETING HIS WORK ACCORDING TO THE INTENT OF THE PLUMBING DOCUMENTS.
33. CONTRACTOR SHALL PROVIDE AS-BUILT SHOP DRAWINGS FOR ALL PLUMBING SYSTEM CHANGES AND DEVIATIONS TO THESE PLANS.
34. WHERE INVERTS (ELEVATION OF THE BOTTOM OF THE INSIDE OF THE PIPE) ARE PROVIDED ON THE DRAWINGS FOR DRAINAGE SYSTEMS, SUCH INVERTS ARE APPROXIMATE AND ARE PROVIDED FOR COORDINATION ONLY.
35. ALL PIPING INSTALLED BELOW GRADE SHALL BE PROPERLY BEDDED WITH CLEAN EARTH MATERIAL (SAND)

FIRE PROTECTION GENERAL NOTES:

- 1. THE RESPONSIBILITY OF THE CONTRACTOR IS TO PROVIDE PROPERLY DESIGNED, SIZED, AND INSTALLED FIRE SPRINKLER SYSTEM, AS REQUIRED BY NFPA, THE PROJECT SPECIFICATIONS, AND THE LAWS OF THE STATE OF LOUISIANA.
2. THE CONTRACTOR SHALL OBTAIN THE NEW TENANT SPACE PERMITS AND INSURANCE CARRIER'S APPROVAL AND LOCAL AUTHORITY JURISDICTION.
3. CONTRACTOR SHALL BE RESPONSIBLE NOT TO ROUTE SPRINKLER PIPING BELOW TERMINAL UNITS.
4. JANETRY FIXTURES, MECHANICAL ROOMS, TELE-ROOMS AND SPRINKLER RISER ROOMS ARE ORDINARY HAZARDOUS LOCATIONS.
5. CONTRACTOR SHALL COORDINATE SPRINKLER HEADS, SUBMIT A COMPLETE SET OF DRAWINGS INDICATING THE SPRINKLER HEAD LOCATION, SIZE, AND ARCHITECT APPROVAL.
6. CONTRACTOR SHALL COORDINATE SPRINKLER PIPING/HEADS WITH PROPOSED CEILING DESIGN.
7. HYDRAULIC CALCULATIONS SHALL BE BASED ON THE WORST CASE FLOW. CONTRACTOR SHALL PROVIDE CALCULATIONS FOR MOST REMOTE ZONE.

PIPING MATERIALS

- 1. SANITARY/VENT: CAST IRON SOIL PIPING - HUBLESS PIPE AND 300 SERIES STAINLESS FITTINGS, COMPLY WITH ASTM A 888 OR CSPI 301. ALL CAST IRON SOIL PIPE AND FITTINGS SHALL BE MARKED WITH THE COLLECTIVE TRADEMARK OF THE CAST IRON SOIL PIPE INSTITUTE (CISPI) AND BE LISTED BY NSF INTERNATIONAL.
2. DOMESTIC WATER PIPING BELOW SLAB: TYPE 'K' SOFT DRAWN COPPER WITH NO FITTINGS BELOW SLAB. ASTM B88-03
3. DOMESTIC WATER PIPING ABOVE SLAB: TYPE 'L' COPPER TUBING WITH 1" THICK INSULATION. ASTM B88-03
4. DOMESTIC WATER VALVES: NO GATE VALVES TO BE USED. ALL INLINE VALVES SHALL BE BALL VALVES.
5. MEDICAL GAS PIPING ABOVE SLAB: TYPE 'L' HARD DRAWN COPPER TUBING. ASTM B 819. BRAZED JOINTS. PIPING TO BE MANUFACTURER CLEANED AND IDENTIFIED PRIOR TO INSTALLATION.
6. MEDICAL VACUUM PIPING ABOVE SLAB: TYPE 'L' HARD DRAWN COPPER TUBING. ASTM B88-03. PIPING TO BE MANUFACTURER CLEANED AND IDENTIFIED PRIOR TO INSTALLATION.
7. PREPARATION OF MEDICAL GAS TUBING:
- MEDICAL GAS TUBING TO BE CUT USING CLEAN TUBING CUTTER.
- CLEAN EXTERIOR OF TUBING PRIOR TO BRAZING USING CLEAN NON-SHEDDING ABRASIVE PAD (NOT STEEL WOOL OR SAND CLOTH).
- EXAMINE PIPING FOR ADDITIONAL PLUGS IN PIPING. BURNED PLUGS REQUIRE REPLACING OF ALL PIPING DOWNSTREAM AND OUTLET.
- JOINTS SHALL BE BRAZED WITHIN 8 HOURS OF BEING CLEANED.
8. PIPE LABELS SHALL COMPLY WITH REQUIREMENTS OF NFPA 99. PIPE LABELS SHALL BE LOCATED AS FOLLOWS:
- AT INTERVALS OF NOT MORE THAN 10 FEET
- AT LEAST ONCE IN OR ABOVE EVERY ROOM
- ON BOTH SIDES OF WALLS OR PARTITIONS PENETRATED BY PIPING
9. PIPE SUPPORT SPACING TO BE INSTALLED AT A MAXIMUM OF 6 FEET.
10. INSTALLER TESTING FOR MEDICAL SYSTEM PIPING SHALL MEET NFPA REQUIREMENTS.

DOMESTIC WATER PIPING INSULATION NOTE

ALL DOMESTIC WATER PIPING THAT IS ABOVE GRADE IN UNCONDITIONED AREAS AND ALL DOMESTIC HOT WATER PIPING SHALL BE INSULATED WITH PIRBOLAS INSULATION WITH AN ALL-SERVICE JACKET. ELBOWS AND FITTINGS SHALL BE INSULATED AND COVERED WITH ZEPHON 2000 25/50 FIRE/SMOKE RATED PVC JACKETS.

PRAIRIEVILLE CODE COMPLIANCE

- 1. 2012 INTERNATIONAL BUILDING CODE WITH LOCAL AMENDMENTS.
2. 2011 NATIONAL ELECTRIC CODE WITH LOCAL AMENDMENTS.
3. 2012 INTERNATIONAL FIRE CODE WITH LOCAL AMENDMENTS.
4. 2012 INTERNATIONAL MECHANICAL CODE WITH LOCAL AMENDMENTS.
5. 2012 INTERNATIONAL PLUMBING CODE WITH LOCAL AMENDMENTS.
6. 2010 FACILITY GUIDELINES INSTITUTE (FGI) FOR HOSPITALS AND OUTPATIENT FACILITIES.

\* INSTALLATION SHALL ADHERE TO ALL STATE CODES AND LOCAL CODES THAT HAVE AUTHORITY OF JURISDICTION OVER THIS PROJECT. \*

PLUMBING FIXTURE UNIT COUNT

Table with columns: FIXTURE, DESCRIPTION, QUANTITY, SIFER F.U. RATING, WATER F.U. RATING, TOTAL. Rows include Water Closet (Fl), Lav, Sink, Service Sink, etc.

140 WATER FIXTURE UNITS. USE NEW 1/2" WATER MAIN AND 3" COLD WATER SUPPLY MAIN IN BUILDING CONTAINING 140 WATER FIXTURE UNITS. SHALL VERIFY EXISTING WATER PRESSURE. IF WATER PRESSURE AT BUILDING EXITS IS LESS THAN 80 PSI, PROVIDE AND INSTALL PRESSURE REDUCING VALVE IN BUILDING TO REDUCE WATER PRESSURE TO 80 PSI.

WATER SUPPLY FIXTURE UNITS FROM 2012 IPC, APPENDIX E, TABLE E103.2(2)

ELECTRIC WATER HEATER SCHEDULE

Table with columns: MARK, LOCATION, RECOVERY, STORAGE, LINING, MAXIMUM INPUT, REFERENCE. Row: EWH-1 HOUSEKEEPING.

- NOTES:
1. INSTALL WATER HEATER WITH FORWARD FACING CONTROLS. TEMPERATURE INLET/OUTLET GAUGES AND ASME THERMAL EXPANSION TANK MOUNTED SECURELY TO WALL.
2. MOUNT WATER HEATER ON 4" CONCRETE REINFORCING PAD.

THERMOSTATIC MIXING VALVE SCHEDULE

Table with columns: MARK, VALVE, FLOW (GPM), TEMPERATURE (F), REFERENCE. Row: TMV-1.

- NOTES:
1. THE LEAD CONTENT OF WATER PIPING AND FIXTURES USED TO CONVEY POTABLE WATER SHALL NOT EXCEED 0.25 PERCENT OF THE WETTED SURFACE AREA.
2. MIXING VALVE TO BE INSTALLED NEATLY ON WALL BEHIND SINK COUNTER.
3. WHERE MIXING VALVES ARE SUPPLYING SHOWERS, PROVIDE STAINLESS STEEL METAL ACCESS PANEL IN WALL BEHIND SHOWER. PAINT TO MATCH WALL FINISH.

HOT WATER CIRCULATION PUMP SCHEDULE

Table with columns: MARK, LOCATION, FLOW (GPM), HEAD (FT), SIZE (IN), SUCTION, DISCHARGE, HP, AMPS, VOLTS, PHASE, HZ, REFERENCE (TACO), NOTES. Row: HWCP-1 HOUSEKEEPING.

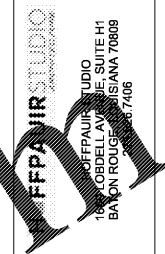
- NOTES:
1. PROVIDE ADJUSTAT TO SWITCH PUMP ON AT 135 DEGREES AND OFF AT 140 DEGREES. PROVIDE TIMER AND COORDINATE TIMER SETTINGS WITH OWNER.
2. PROVIDE BALANCE VALVES WHERE INDICATED ON DRAWINGS. BALANCE VALVE TO BE CALEFFI SERIES 132 QUICKSETTER BALANCING VALVE.

PLUMBING FIXTURE SCHEDULE

Main plumbing fixture schedule table with columns: FIXTURE, TYPE OF FIXTURE, ADA, MOUNTING, MANUFACTURER, CONNECTION SIZE (IN), REMARKS. Rows include WC-1, WC-1A, WC-2, L-1, L-2, L-3, MS-1, SK-1, SK-2, SK-3, EEW-1, EWE-1, FD-1, HD-1, FS-1, FS-2, TP-1, TP-2, TP-3, HB-1, WCO, FCO, DOV-8P, IPZ-8P, SHWR-1, HYDRALIC.

- NOTES:
1. WALL HUNG PLUMBING FIXTURES SHALL BE SUPPORTED USING ADJUSTABLE CONCEALED ARM FLOOR MOUNTED SUPPORTS WITH RECTANGULAR STRUCTURAL STEEL UPRIGHTS UTILIZING HEAVY-DUTY CAST-IRON FEET BOLTED TO THE FLOOR AND CAST IRON SUPPORT HEADERS.
2. CONTRACTOR SHALL REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHTS AND LOCATIONS OF ALL PLUMBING FIXTURES INCLUDING HANDICAPPED (ADA) FIXTURES.
3. CONTRACTOR SHALL PROVIDE FLEXIBLE MOLDED INSULATION ON P-TRAPS, WATER SUPPLIES AND VALVES SERVING ADA PLUMBING FIXTURES.
4. CONTRACTOR SHALL INSTALL ALL PLUMBING FIXTURES SHOWN ON THE ARCHITECTURAL PLUMBING AND OWNER FURNISHED DRAWINGS.
5. CONTRACTOR SHALL FURNISH AND INSTALL ON EACH PLUMBING FIXTURE CHROME PLATED BRASS P-TRAP, NIPLLES WITH ESCUTCHEON, CHROME PLATED BRASS ANGLE SUPPLIES WITH ALL METAL CONNECTIONS.
6. CONTRACTOR SHALL PROVIDE ALL NECESSARY FITTINGS, PIPING, SUPPORTS, ETC. TO INSTALL EACH PLUMBING FIXTURE PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND TO COMPLY WITH CITY, STATE, ADA AND TAS CODES AND STANDARDS.
7. MOUNT REFRIGERATOR BOXES AT 48 INCHES ABOVE FLOOR.
8. THE LEAD CONTENT OF WATER PIPING AND FIXTURES USED TO CONVEY POTABLE WATER SHALL NOT EXCEED 0.25 PERCENT OF THE WETTED SURFACE AREA.
9. HOT WATER DELIVERED FROM PUBLIC LAVATORIES AND HAND WASHING SINKS SHALL BE LIMITED TO 110°F.
10. COORDINATE WITH MECHANICAL DRAWINGS FOR LAVATORY/SINK LOCATIONS REQUIRING A TAILPIECE WITH CONDENSATE CONNECTION.

Order Plans



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CONSTRUCTION REISSUE SET
Project No. 1607550
Drawn: AG
Checked:
Date: November 22, 2017
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P201 PLUMBING SCHEDULES

