PLUMBING GENERAL NOTES

1. Do not locate any items requiring access in an inaccessible location unless an appropriate access hatch can be provided.
2. Provide all necessary hangers, supports and anchors for all piping and equipment.
3. All piping shall be concealed in walls, ceiling space or soffits.
4. Install piping so as not to encroach on required clearances above or around electrical panels. Refer to electrical drawings.
5. Core drill all new floor penetrations for testing.

INSTALLATION REQUIREMENTS

1. Operate, test new plumbing systems and put in operating condition to cause the system to conform to the true intent of these specifications.
2. After all new HW/CW/HWR piping systems have been installed, but before any equipment or fixtures have been connected, the system shall be filled with a minimum pressure of 150 psi. The pressure shall be maintained for a period of 60 minutes. After successful testing, flush all piping to remove dirt and foreign matter, then sterilize the water system with a chlorine or HTH solution. Flush water pipes with fresh water to remove chlorine solution. Sterilization shall be performed in accordance with AWWA specifications C601-53T and the plumbing code.
3. Interiors of all domestic hot and cold water pipe shall be Type L Copper, ASTM SPEC, B-88-51 with a 150 psi working pressure. Fittings shall be wrought copper of weight corresponding to pipe to which they are attached. Joints shall be soldered using lead-free solder or copper alloy press fittings. Provide with full port ball valves at points of connection to existing. Coordinate exact location of new piping with structural and other trades.

OTHER TRADES

1. Insulate all new domestic hot and cold water piping and all fittings and valves. Provide with insulating blanket and vapor barrier,品类为MANVILLE MICRO-LOK 650 with AP-T jacket or approved equal. Insulation shall be rigid fiberglass with white kraft bonded to aluminum foil, K = 0.23 @ 75 F., reinforced with fiberglass yarn, suitable for painting, MANVILLE ZESTON 25/50 or equal. Provide with self-adhering labels and directional arrows as manufactured by SETON.
2. Provide shock absorbing devices which will protect water supply piping from water hammer. Sealed air chamber metal bellows type shall be Jay R. Smith Company "Hydrotrol". Locate at the ends of all branch piping runs.

INSULATION SYSTEMS

1. Insulate all new domestic hot and cold water piping and all fittings and valves. Provide with insulating blanket and vapor barrier,品类为MANVILLE MICRO-LOK 650 with AP-T jacket or approved equal. Insulation shall be rigid fiberglass with white kraft bonded to aluminum foil, K = 0.23 @ 75 F., reinforced with fiberglass yarn, suitable for painting, MANVILLE ZESTON 25/50 or equal. Provide with self-adhering labels and directional arrows as manufactured by SETON.
2. Insulation shall not cover drain lines or branch lines which will protect water supply piping from water hammer. Sealed air chamber metal bellows type shall be Jay R. Smith Company "Hydrotrol". Locate at the ends of all branch piping runs.

MISCELLANEOUS PROJECT REQUIREMENTS

1. Provide shock absorbing devices which will protect water supply piping from water hammer. Sealed air chamber metal bellows type shall be Jay R. Smith Company "Hydrotrol". Locate at the ends of all branch piping runs.

Designated Project: RENOVATIONS FOR HAWTHORN HALL AT ROWAN UNIVERSITY
237 MULLICA HILL ROAD GLASSBORO, NJ 08028

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