

PLUMBING AND PIPING SYMBOLS

 P.V.C. PIPE

 FLANGE PIPE

 MECHANICAL JOINT

 CONCRETE PIPE

 SCREWED

 PUMP

 SUMP PUMP

 VALVE

 METER

 "P" TRAP

 THERMOMETER

 METER

 PUMPS

 BACKFLOW PREVENTER

 PRESSURE SWITCH

 TEMPERATURE SWITCH

 WATER HAMMER ARRESTER

 UNION

 STRAINER

 GAUGE COCK

 SAMPLING COCK VALVE

 WATER HEATER

 BACKFLOW PREVENTER

 WALL CASTING

 PRESSURE GAUGE WITH COCK VALVE

 PRESSURE GAUGE

 PRESSURE RELIEF VALVE

 ANGLE VALVE

 SOLENOID VALVE

 PRESSURE REGULATOR VALVE

 FLOW CONTROL VALVE

 GLOBE VALVE

 VALVE WITH HANDWHEEL

 DIAPHRAGM OPERATED VALVE

 PLUG VALVE

 BALANCING COCK VALVE

 TRUE UNION BALL VALVE

 SHUT-OFF VALVE

 CHECK VALVE

 FLOW SWITCH

 GATE

 SLUICE GATE

 FABRICATED GATE

HVAC SYMBOLS

 AIR CONDITIONING CONDENSER UNIT

 AIR HANDLING UNIT OR FURNACE

 BACKDRAFT DAMPER

 BALANCE DAMPER

 BOILER

 DEHUMIDIFIER

 DESTRATIFICATION FAN

 ELECTRIC RADIANT HEATER

 ELECTRIC UNIT HEATER

 ELECTRIC WALL HEATER

 EXHAUST FAN

 EXHAUST GRILLE

 FAN COIL UNIT

 FINNED-TUBE RADIATOR

 FIRE DAMPER

 GAS-FIRED UNIT HEATER

 HEAT PUMP UNIT

 HOT WATER UNIT HEATER

 HVAC PUMP

 LOUVER

 MOTORIZED DAMPER

 PENTHOUSE

 RETURN GRILLE

 STEAM HUMIDIFIER

 SUPPLY FAN

 SUPPLY REGISTER



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WWTP UPGRADE 2000
MISCELLANEOUS MECHANICAL DETAILS

JOB NO.
E9031

DATE
8/13/01

SCALE
AS NOTED

SHEET
M1

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