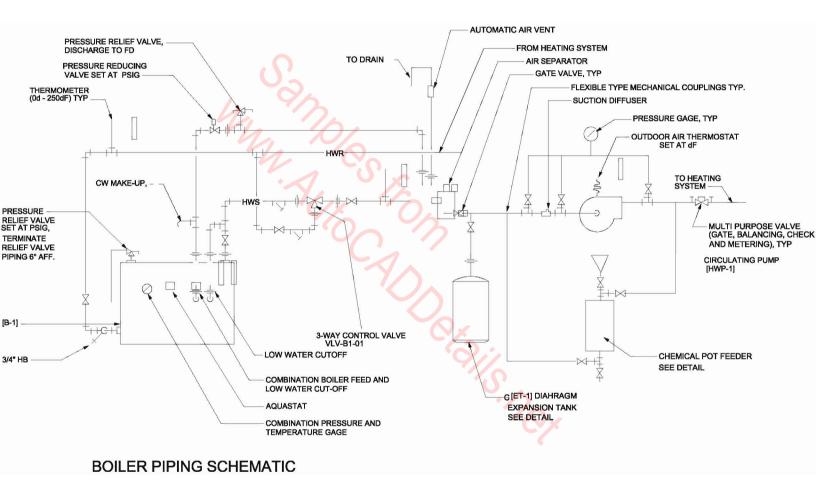
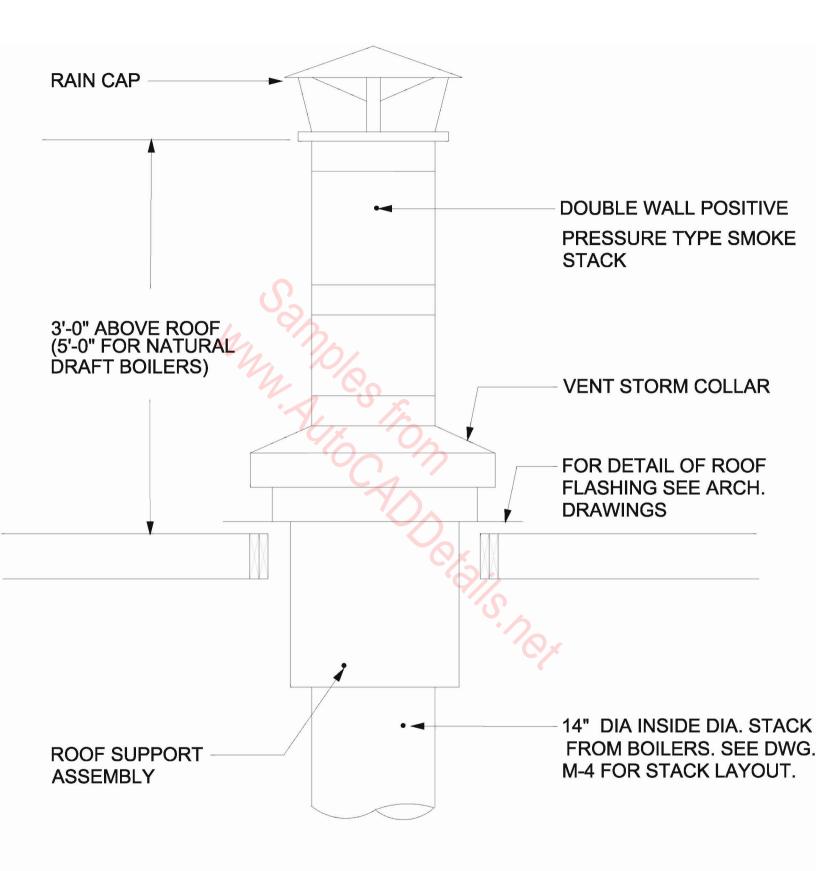
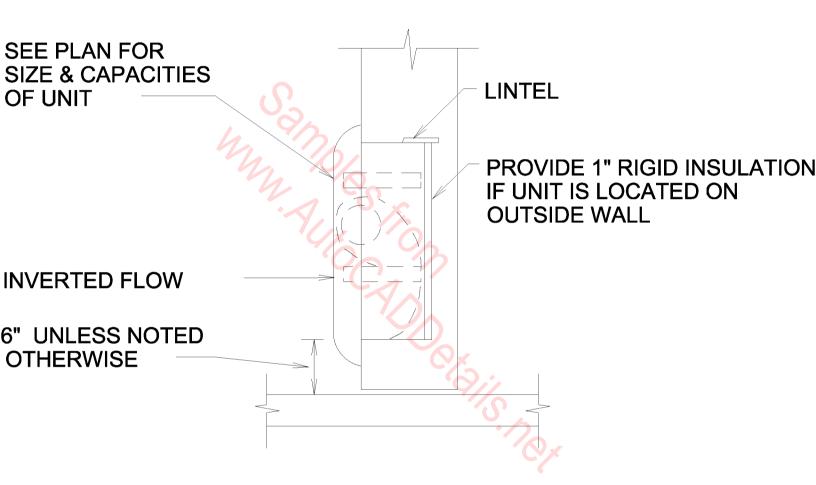


AIR-COOLED CHILLER PIPING CONNECTION DETAIL

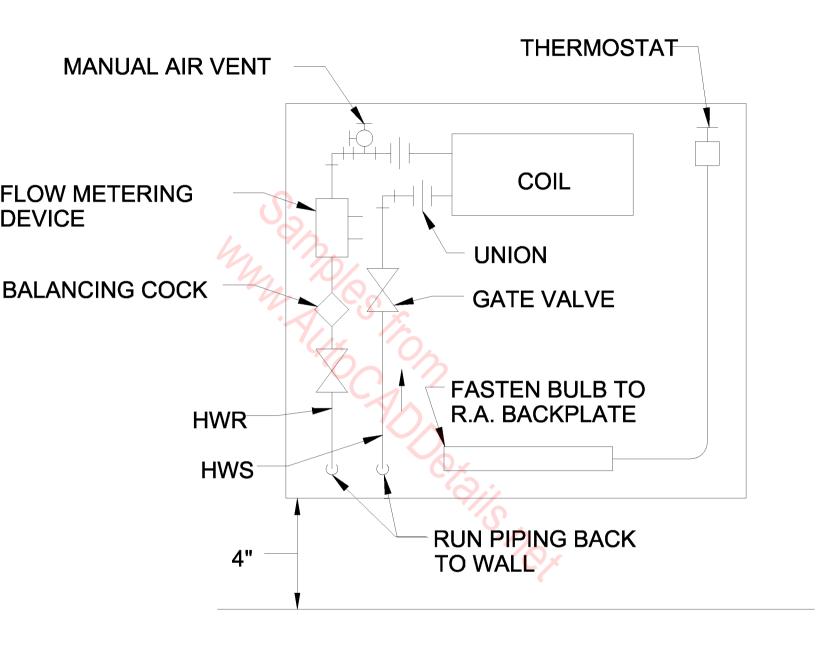




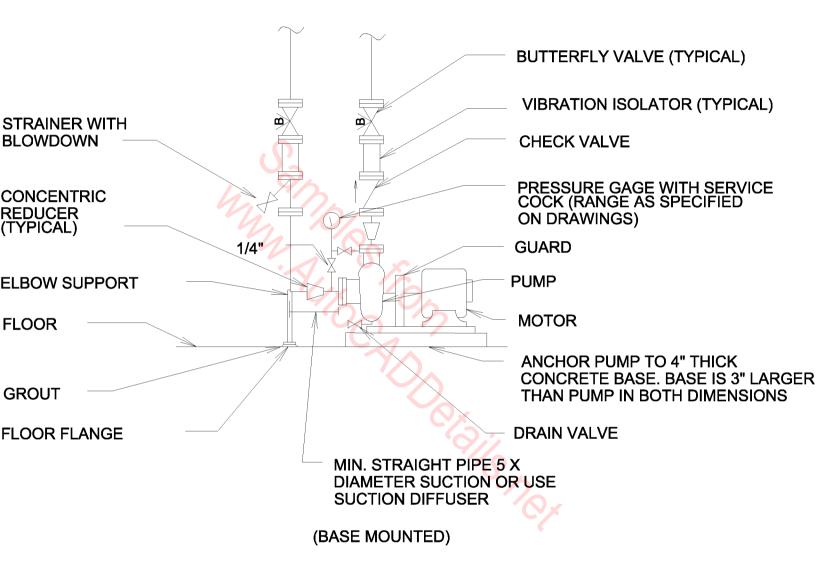
BOILER STACK DETAIL



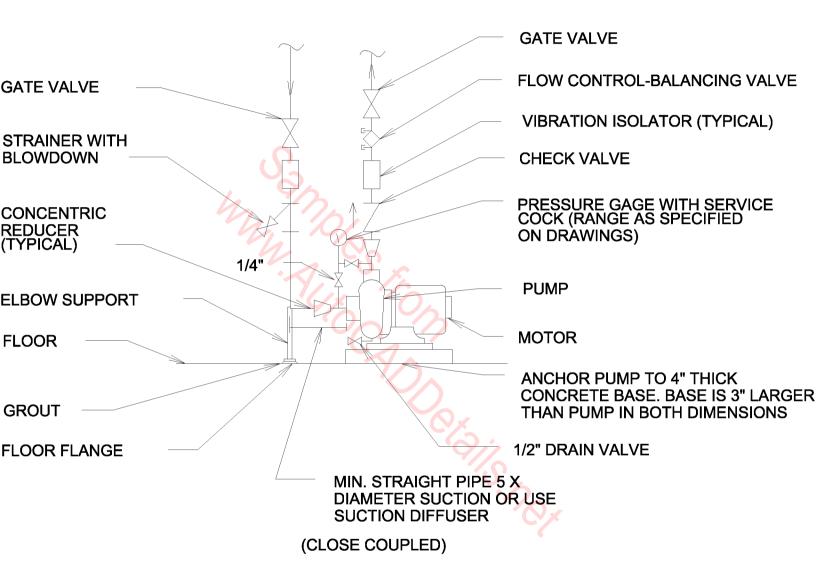
CABINET HEATER DETAIL



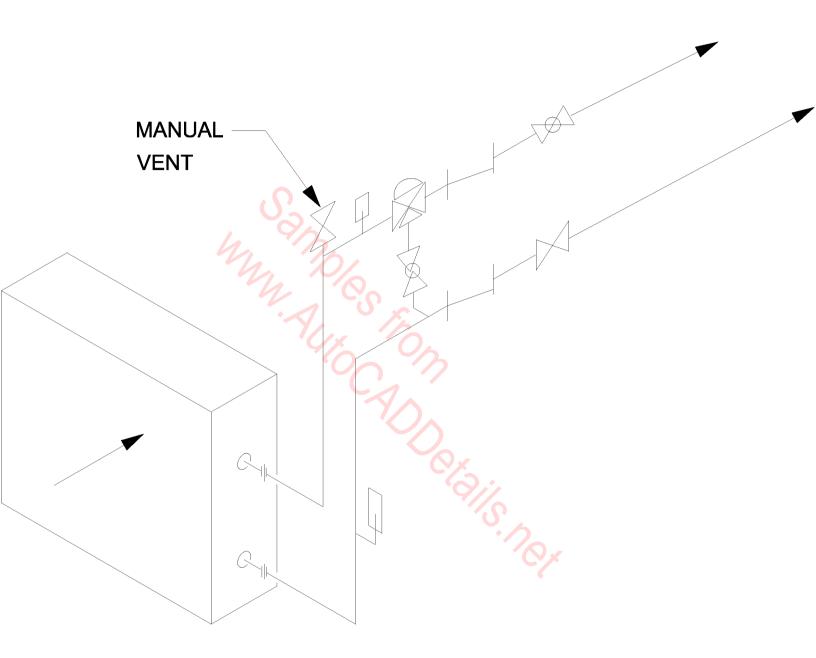
CABINET HEATER PIPING DETAIL



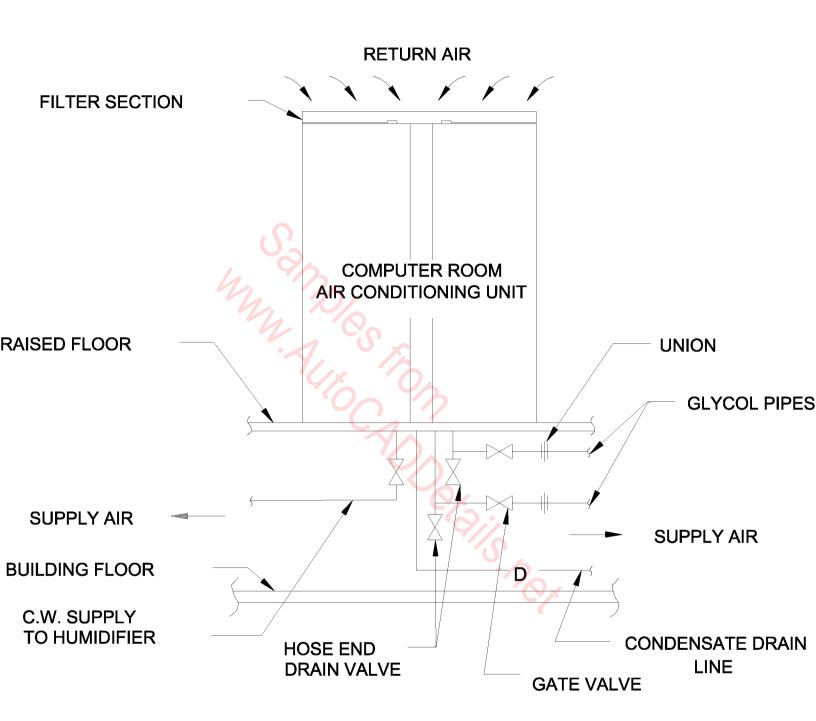
CENTRIFUGAL PUMP



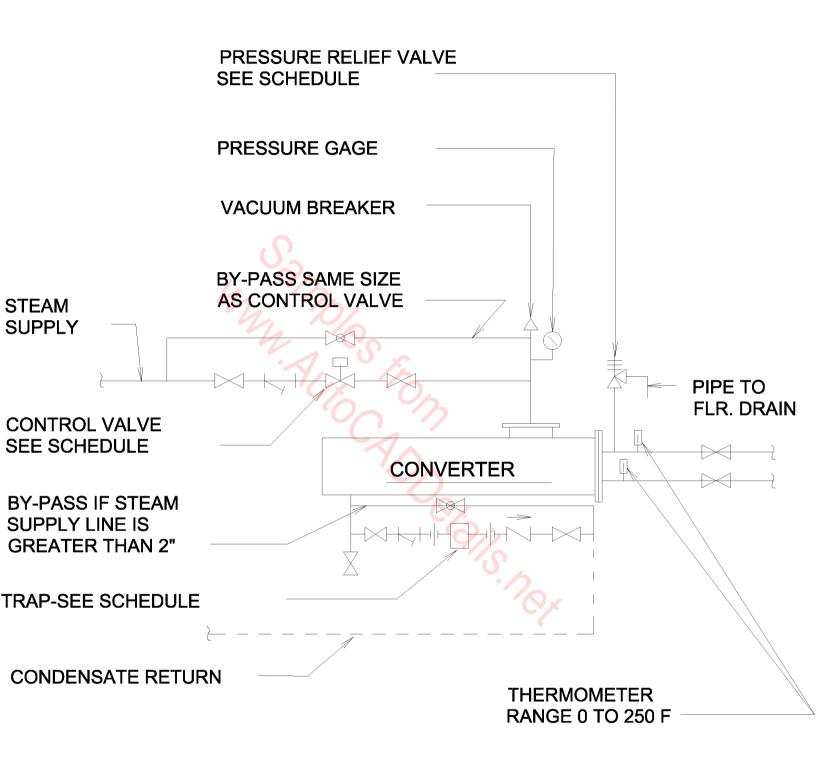
CENTRIFUGAL PUMP



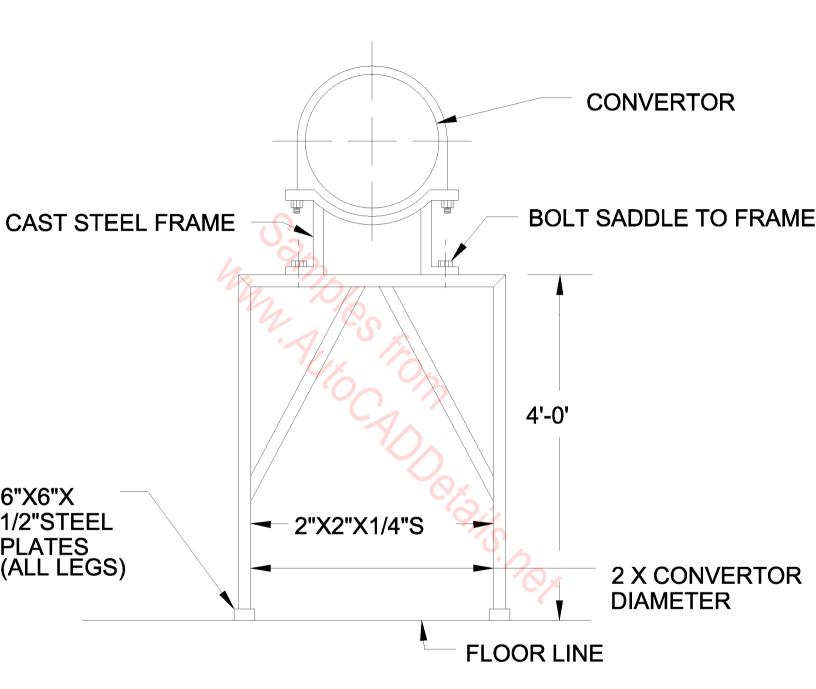
CHILLED WATER COIL



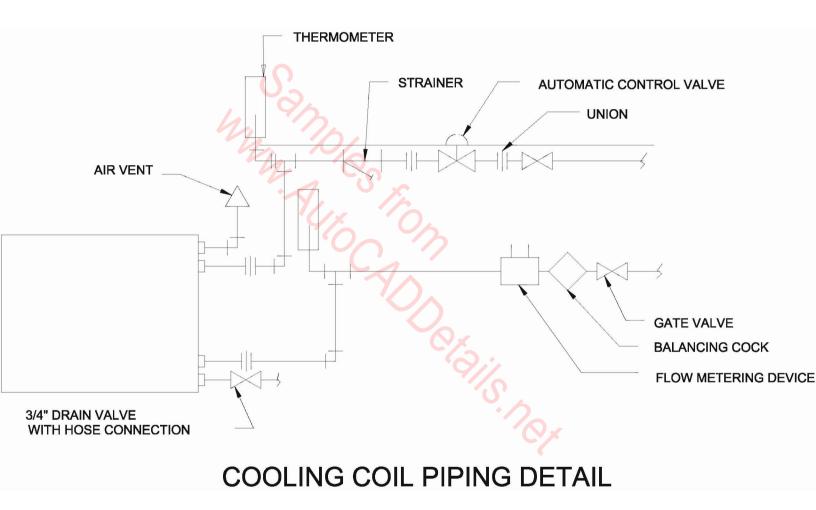
COMPUTER ROOM AIR CONDITIONING UNIT DETAIL

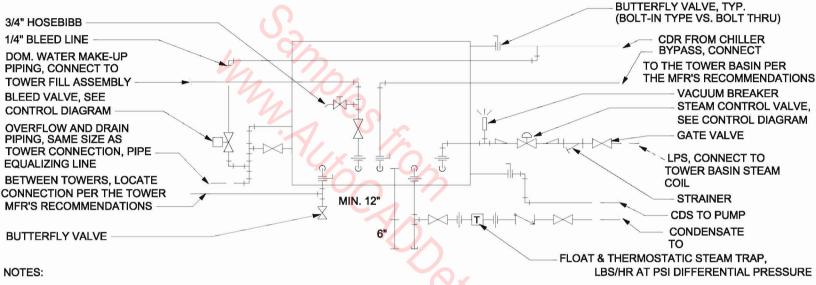


CONVERTER PIPING DETAIL



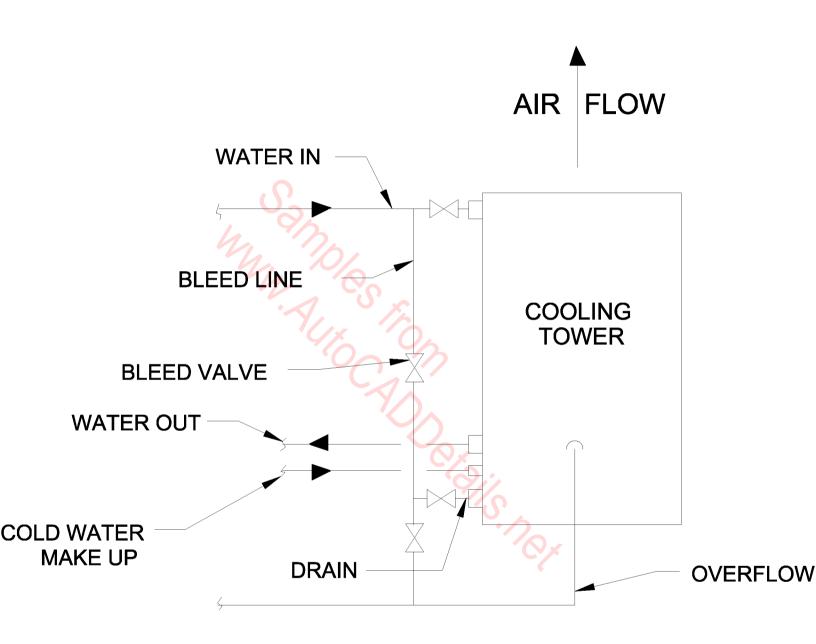
CONVERTOR SUPPORT DETAIL



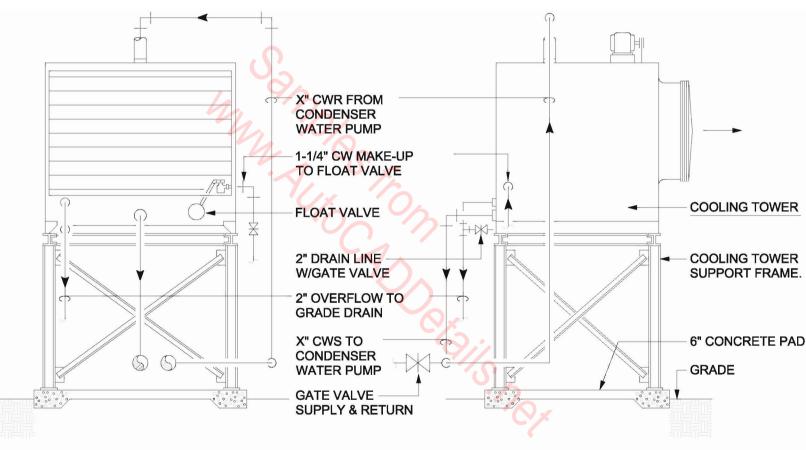


- 1. PROVIDE THERMOSTATICALLY-CONTROLLED ELECTRIC SELF-LIMITING HEAT TRACING TAPE UNDERNEATH THE INSULATION ON ALL NEW PIPING LOCATED OUTDOORS EXCLUDING THE STEAM, CONDENSATE, AND DRAIN PIPING SERVING THE TOWER. LOCATE THE THERMOSTAT AS SHOWN ON THE PLANS WITH A SUN SHIELD AND SET IT TO ENERGIZE THE HEAT TAPE AT AN OUTDOOR TEMPERATURE BELOW 45 DEG. F.
- 2. PROVIDE PIPE SUPPORTS PER DETAIL ON SHEET. SPACE SUPPORTS IN ACCORDANCE WITH SECTION 15501 OF THE SPECIFICATIONS.
- 3. INSTALL PIPING TO PERMIT COMPLETE MAINTENANCE ACCESS TO THE TOWER.

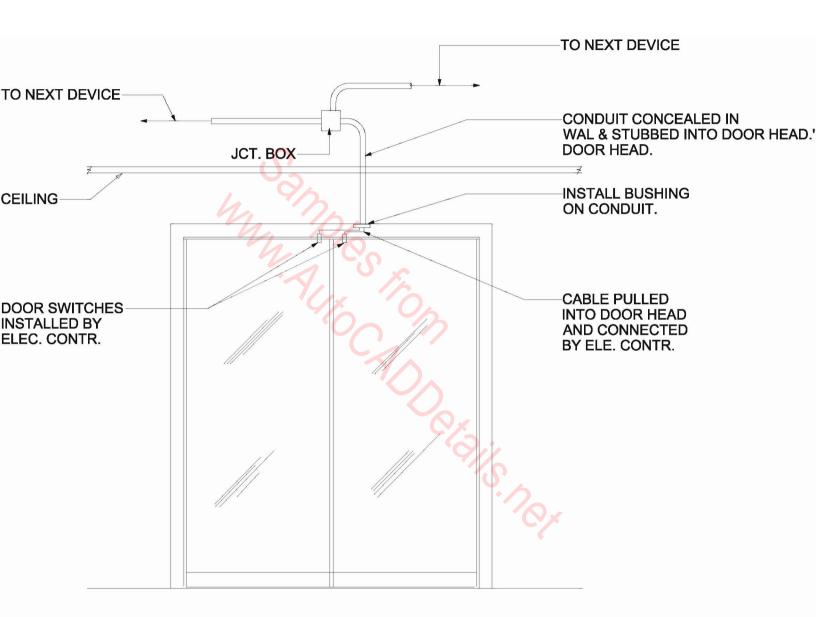
COOLING TOWER PIPING



COOLING TOWER DETAIL



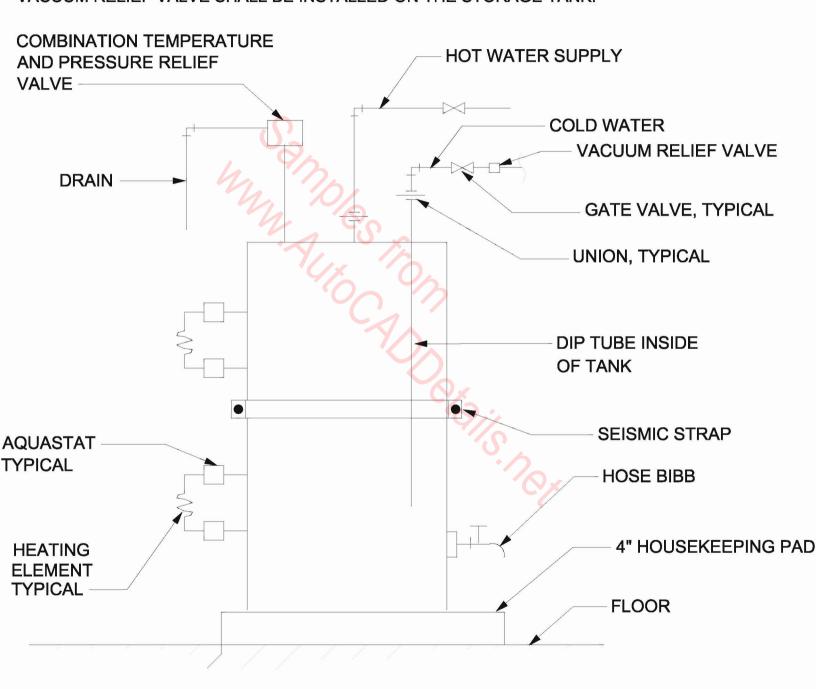
CROSS-FLOW COOLING TOWER DETAIL



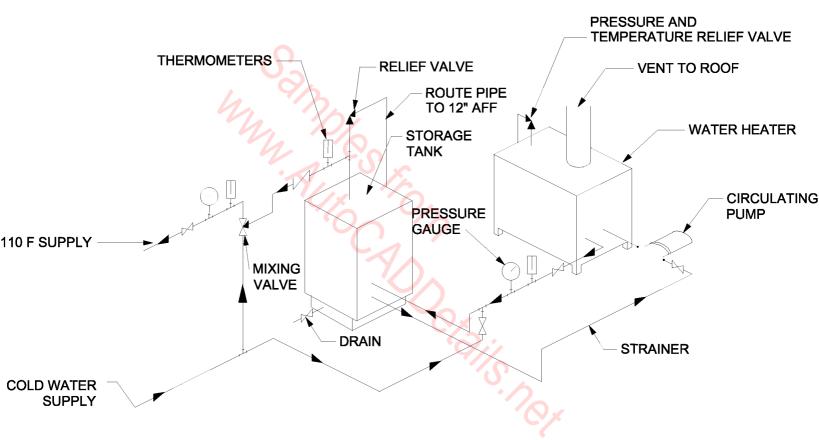
DETAIL-DOOR SWITCH INSTALLATION

NOTE TO DESIGNER:

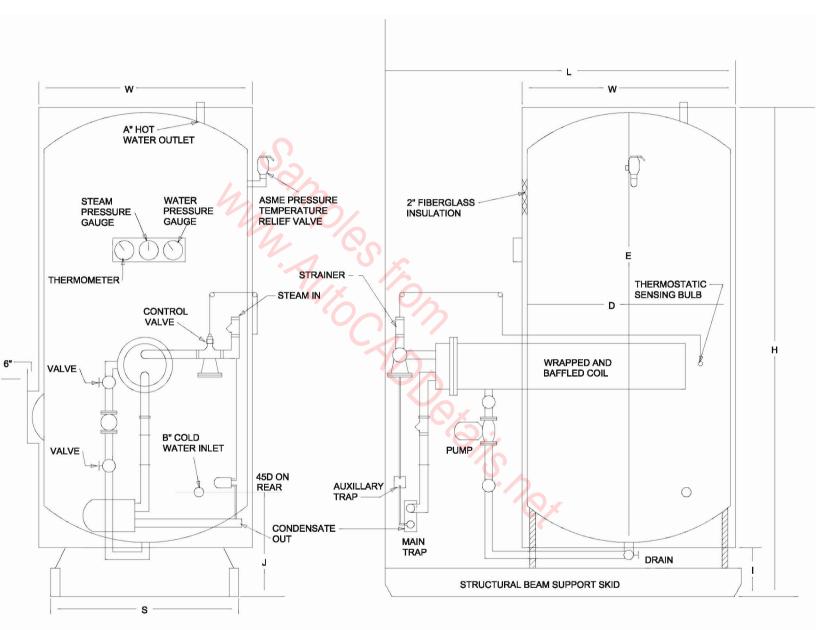
N.S.P.C. 10.16.7 REQUIRES: WHERE A HOT WATER STORAGE TANK OR INDIRECT WATER HEATER IS LOCATED AT AN ELEVATION ABOVE THE FIXTURE OUTLETS IN THE SYSTEM A VACUUM RELIEF VALVE SHALL BE INSTALLED ON THE STORAGE TANK.



DOMESTIC ELECTRIC WATER HEATER

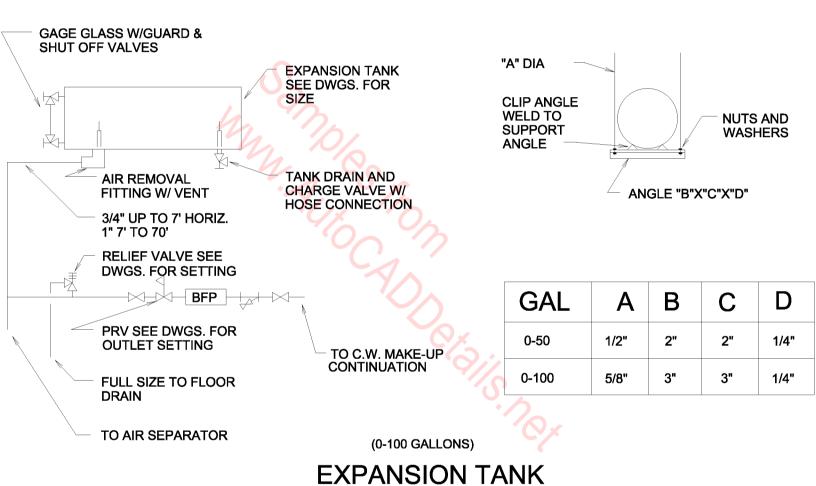


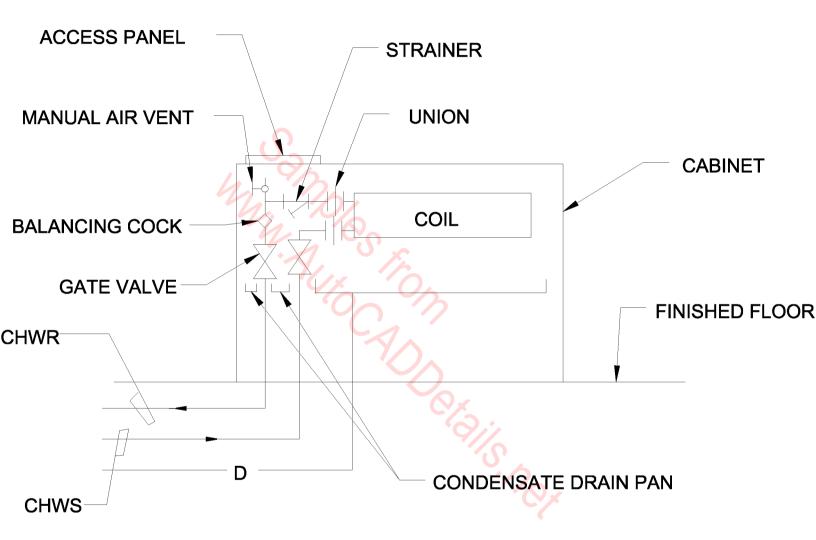
DOMESTIC HOT WATER SCHEMATIC DETAIL



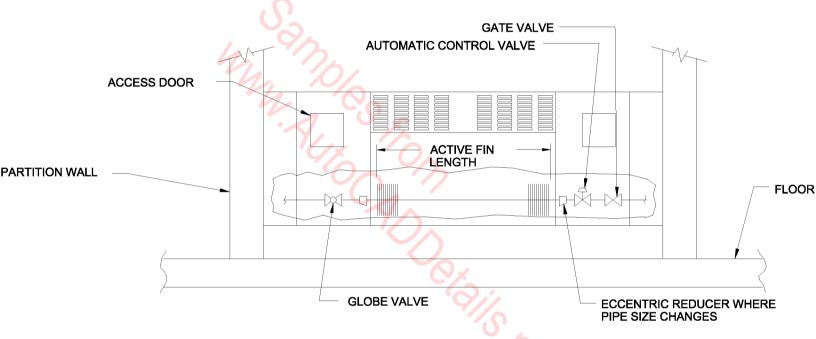
DOMESTIC HOT WATER TANK AND TANK HEATER WITH STEAM INPUT

Mun Poles from Salto CADD CEALS From Salto C

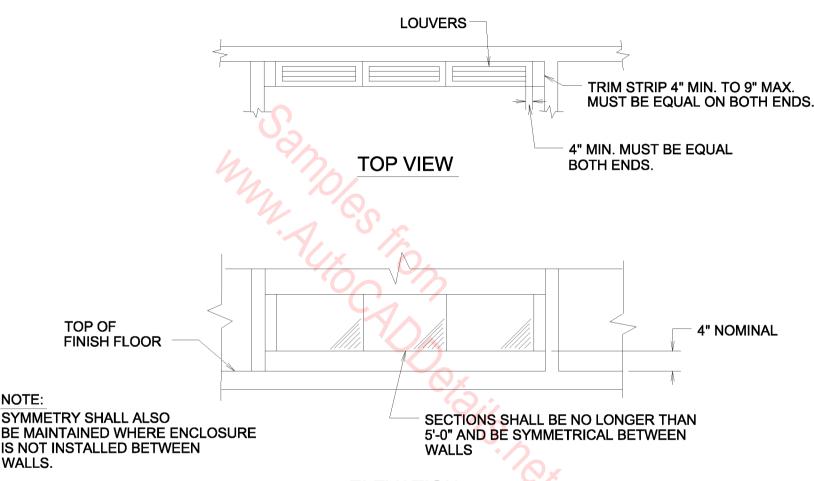




FAN COIL UNIT PIPING DETAIL



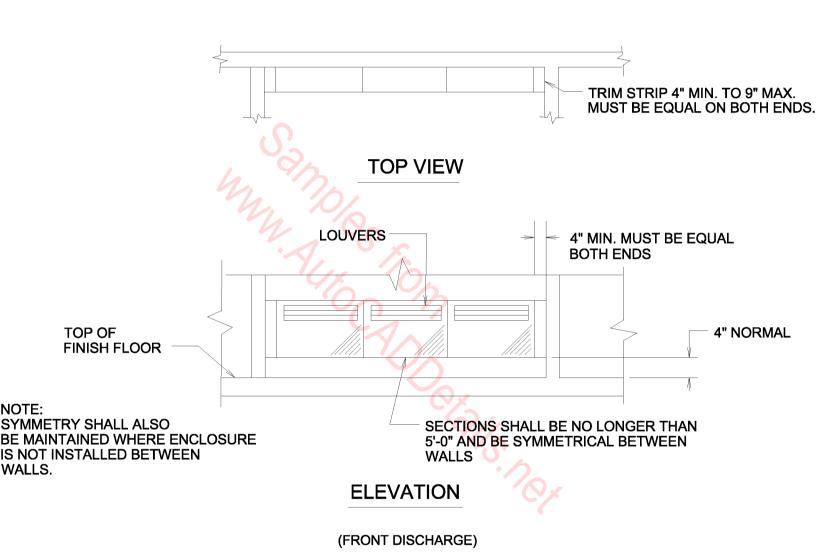
FIN TUBE RADIATION DETAIL



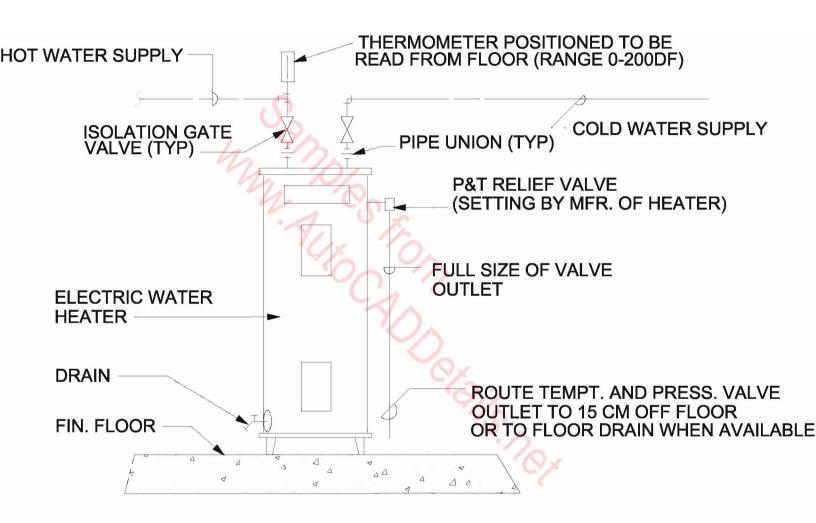
ELEVATION

(TOP DISCHARGE)

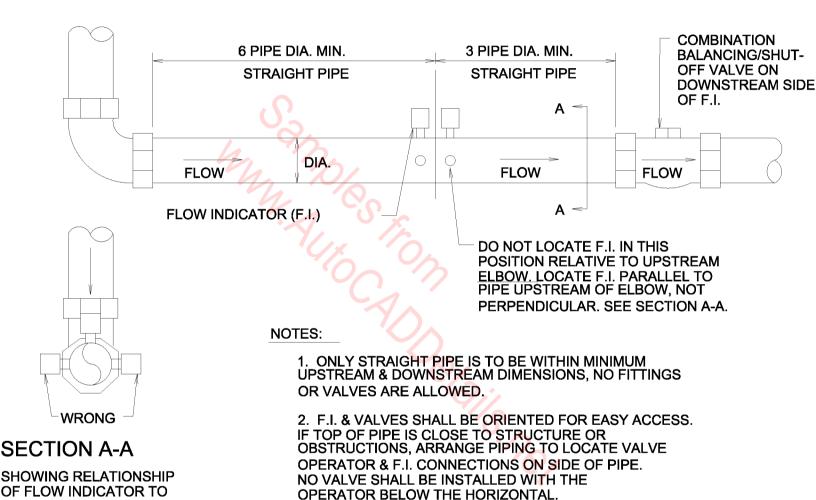
FINTUBE ENCLOSURE DETAIL



FINTUBE ENCLOSURE DETAIL

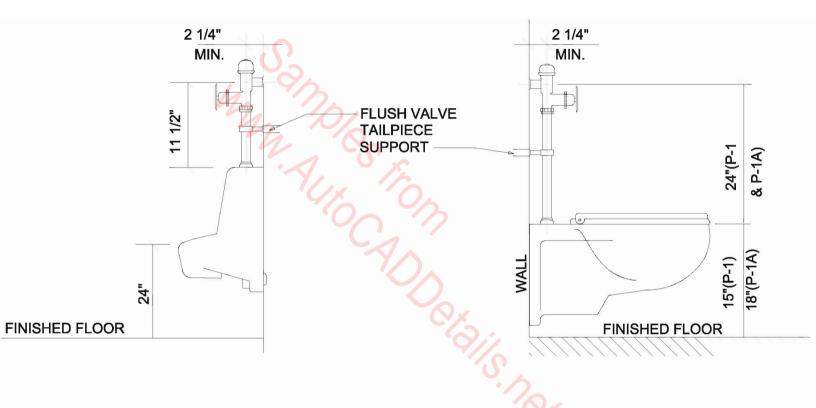


FLOOR MOUNTED ELECTRIC WATER HEATER DETAIL

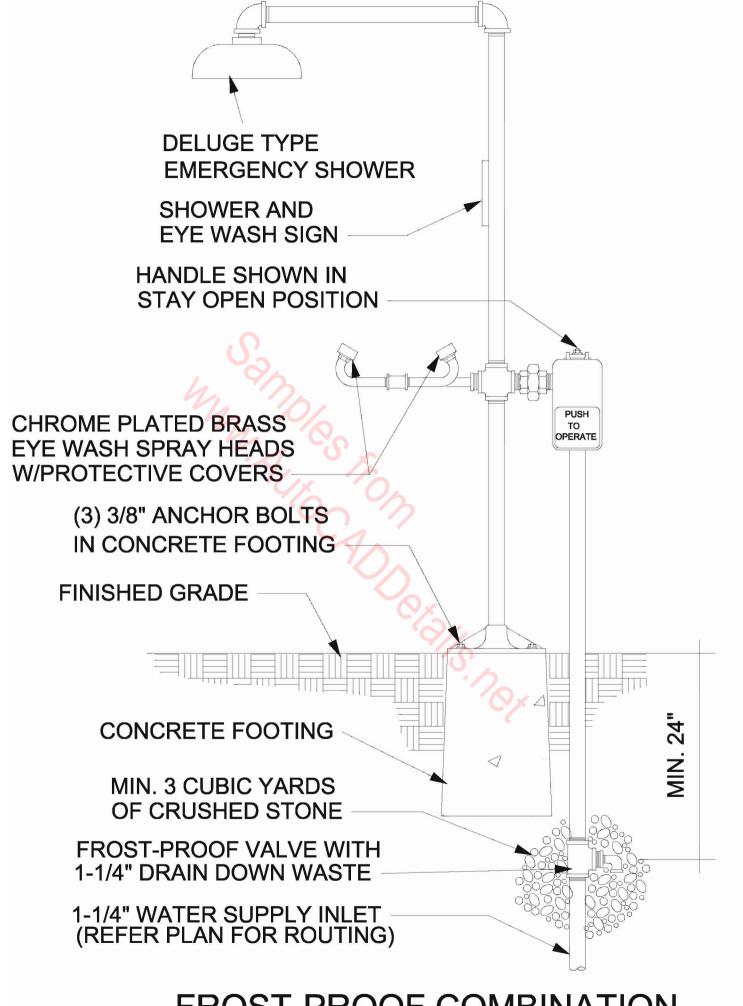


FLOW INDICATOR (F.I.) DETAIL

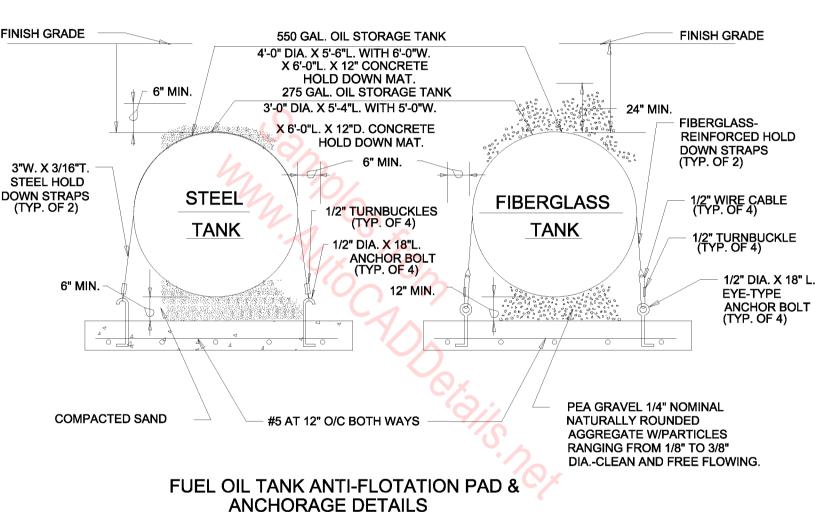
UPSTREAM ELBOW



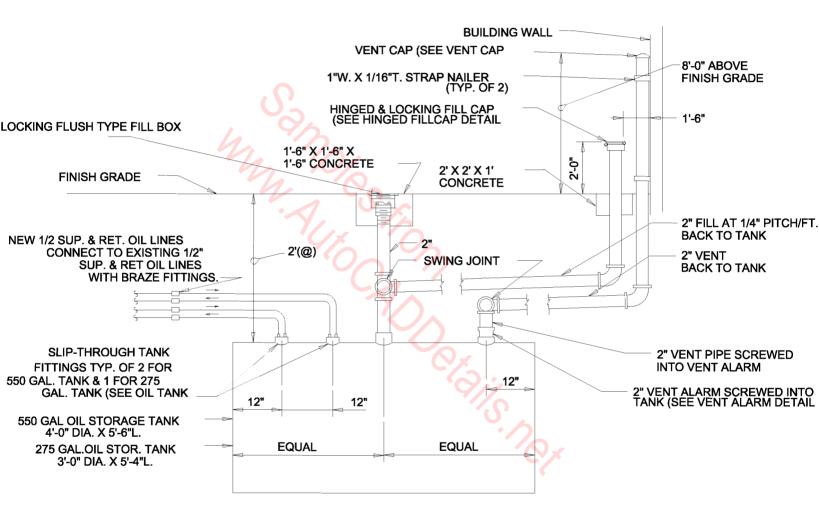
FLUSH VALVE SUPPORT DETAIL



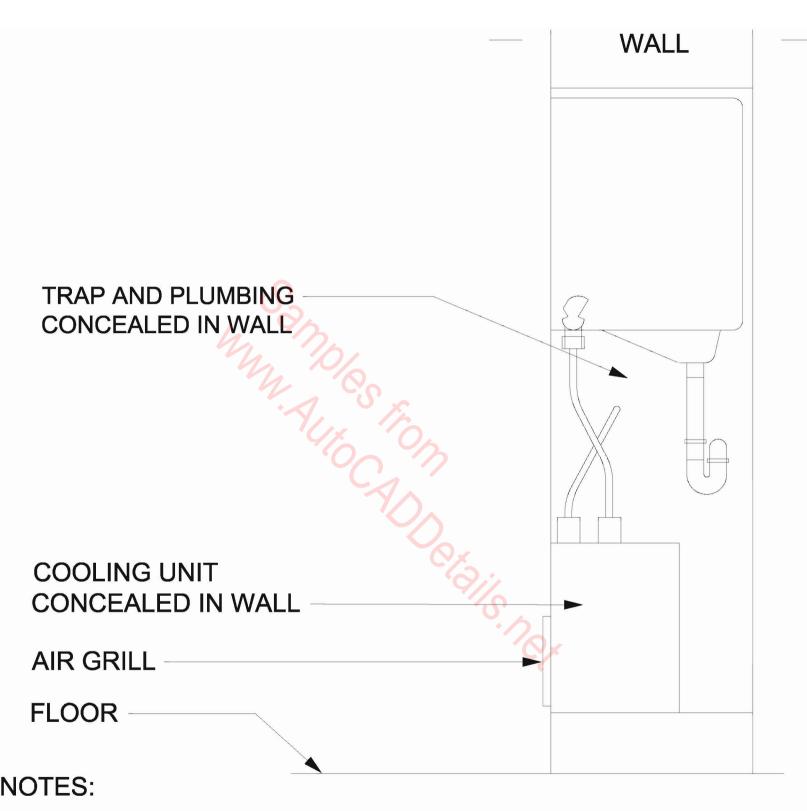
FROST-PROOF COMBINATION DRENCH SHOWER/EYE WASH UNIT



(TYPICAL FOR 275 & 550 GAL. STORAGE TANKS WHERE EXISTING CONCRETE PADS ARE FOUND.)

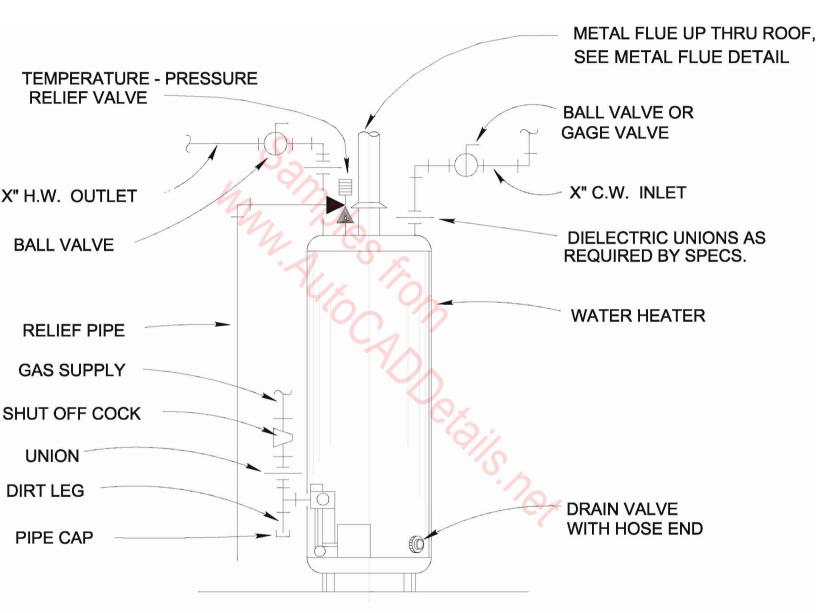


FUEL STORAGE TANK DETAIL

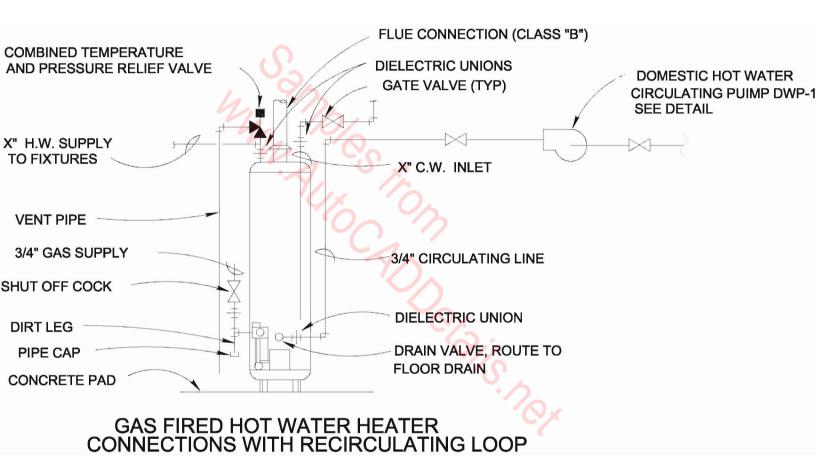


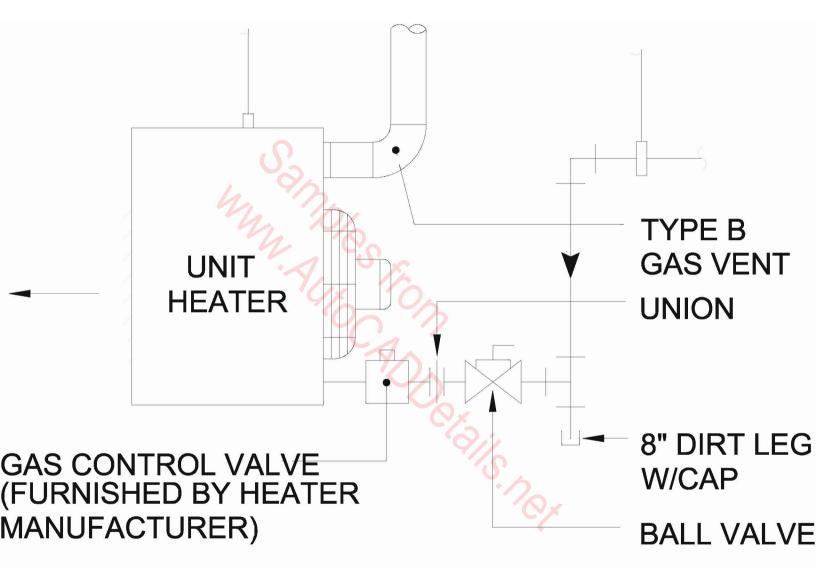
1. INSTALL ACCORDING TO MANUFACTURER'S INSTRUCTIONS.

FULLY RECESSED DRINKING WATER COOLER

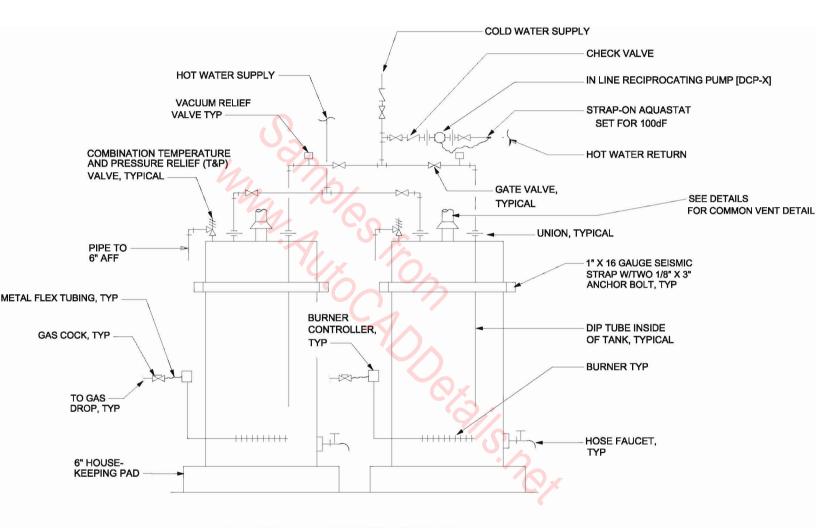


GAS FIRED HOT WATER HEATER CONNECTIONS



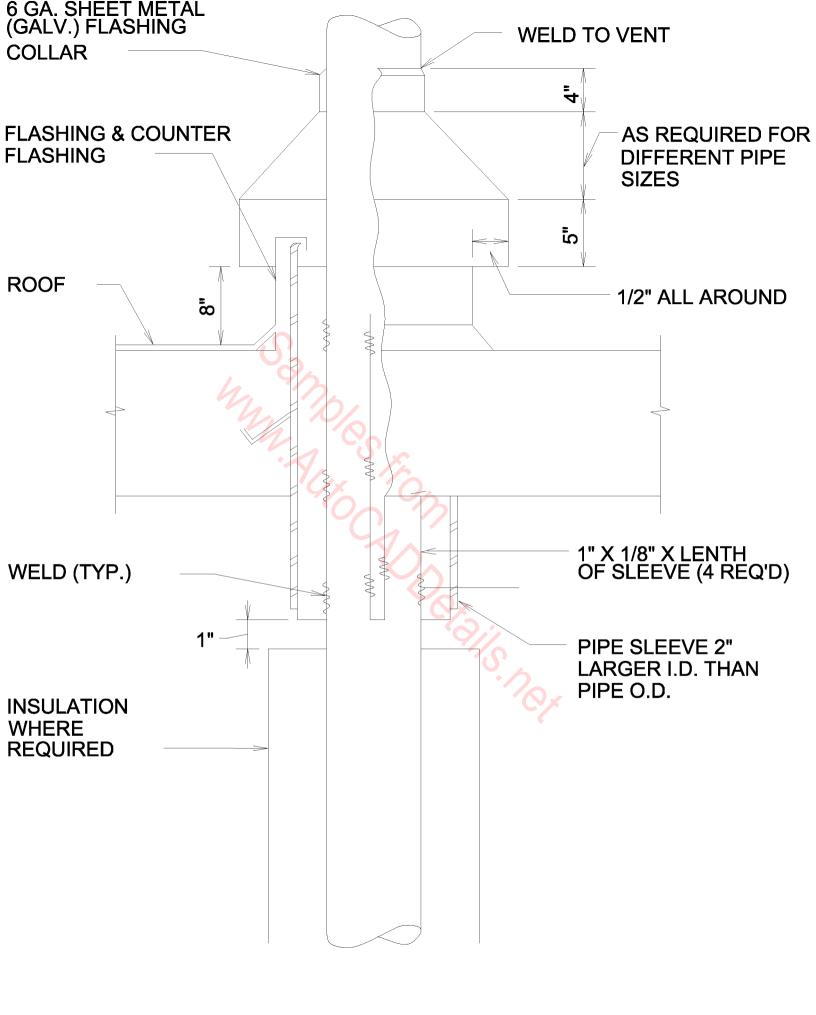


GAS FIRED UNIT HEATER DETAIL

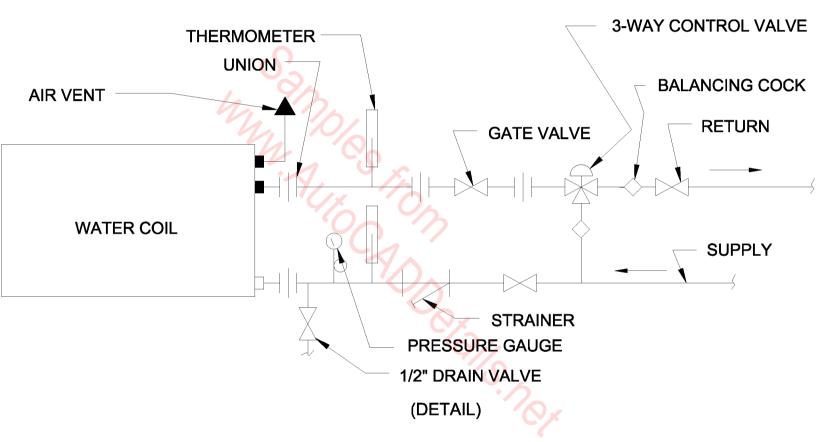


GAS FIRED WATER HEATER

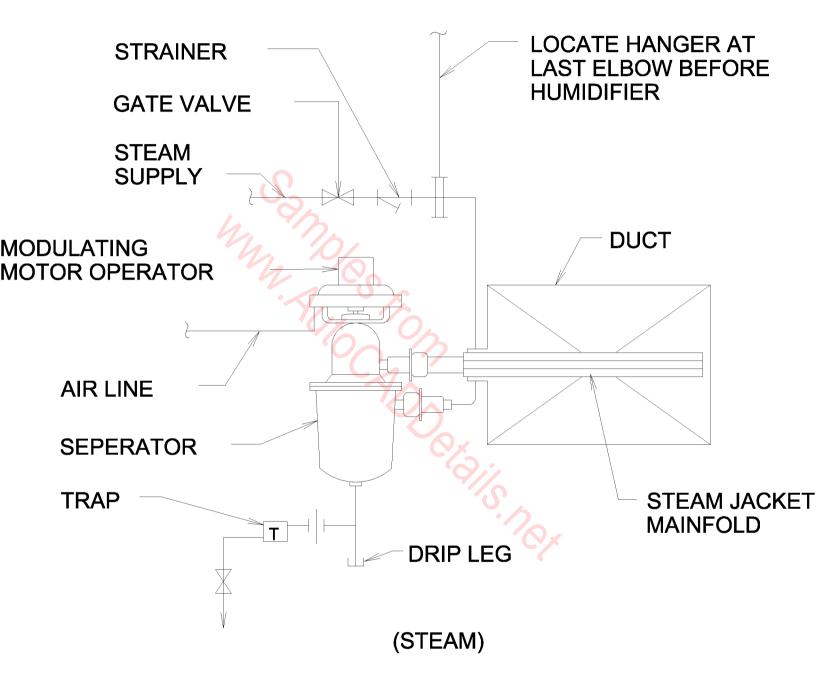
NOTE TO DESIGNER: N.S.P.C. 10.16.7 REQUIRES: WHERE A HOT WATER STORAGE TANK OR INDIRECT WATER HEATER IS LOCATED AT AN ELEVATION ABOVE THE FIXTURE OUTLETS IN THE SYSTEM A VACUUM RELIEF VALVE SHALL BE INSTALLED ON THE STORAGE TANK.



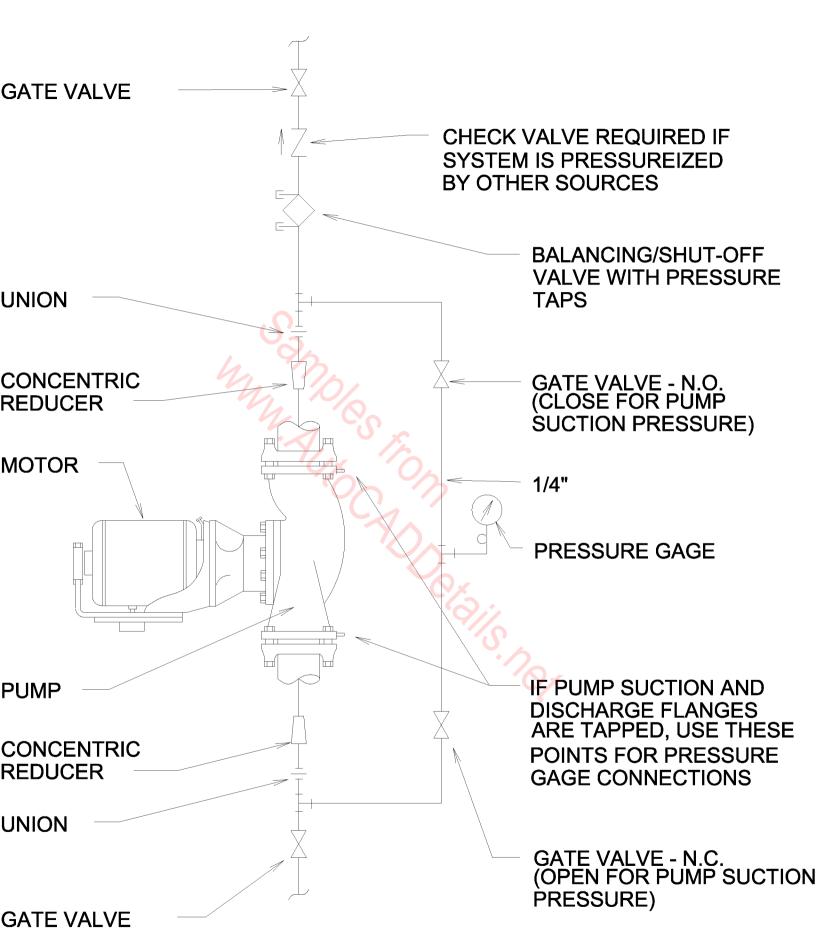
HOT VENT DETAIL



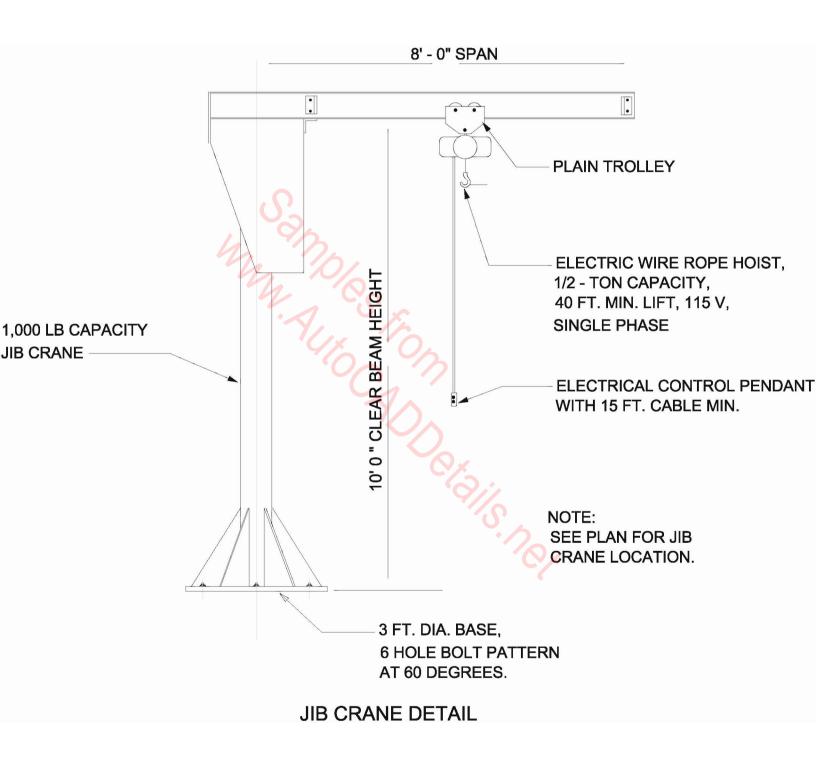
HOT WATER COIL CONNECTION

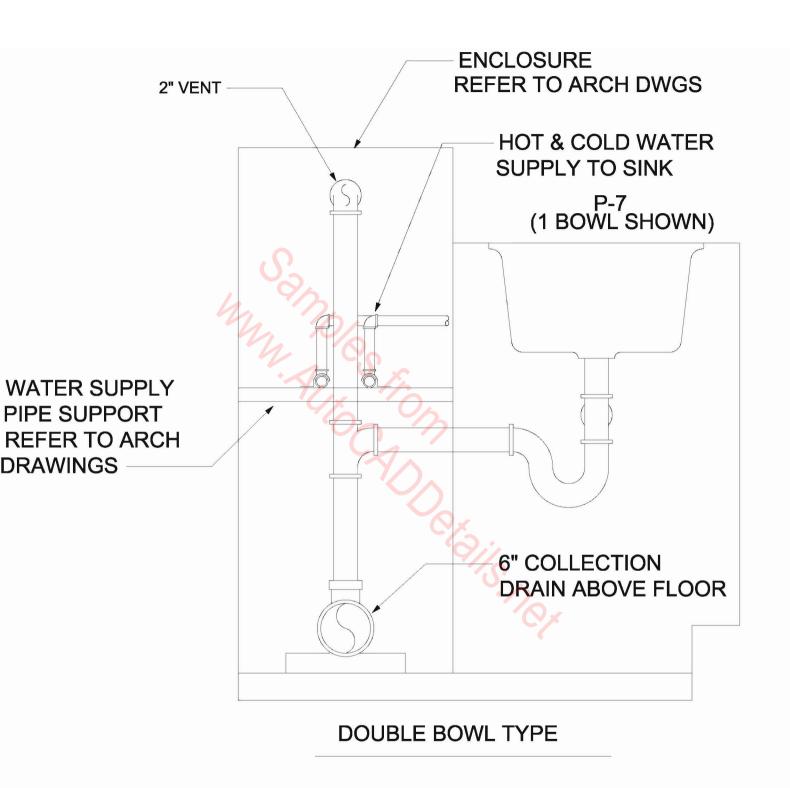


HUMIDIFIER PIPING DETAIL

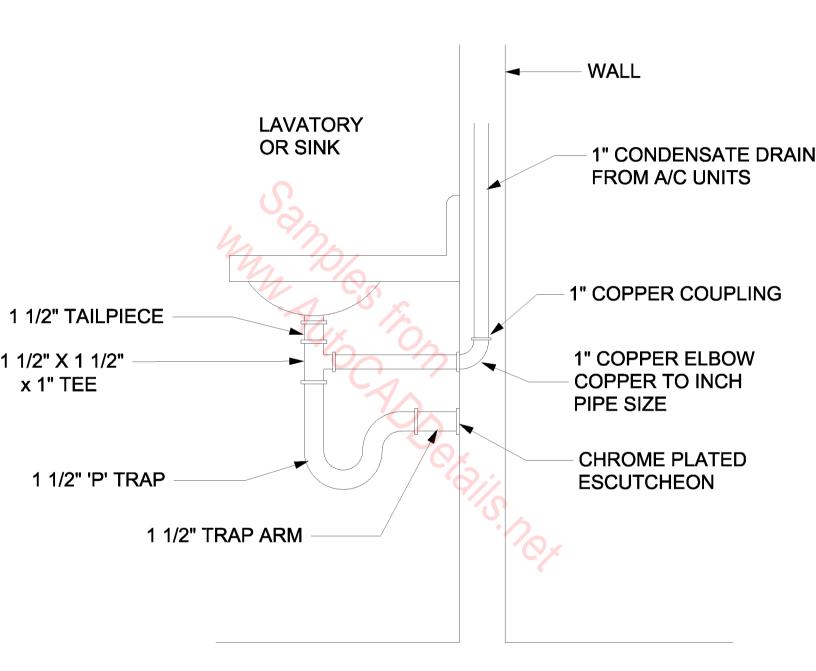


INLINE CENTRIFUGAL PUMP

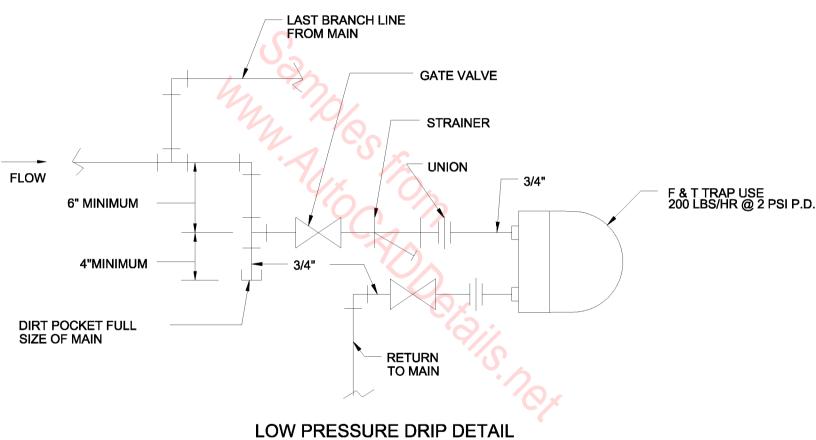


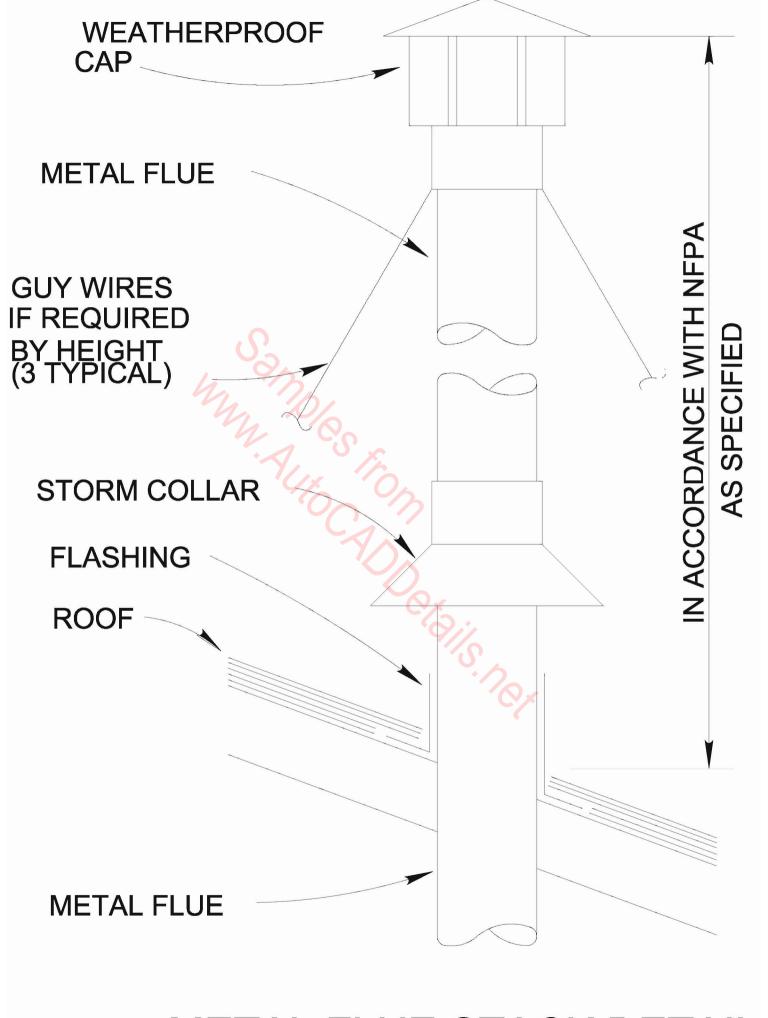


LAUNDRY SINK DRAIN CONNECTION DETAIL

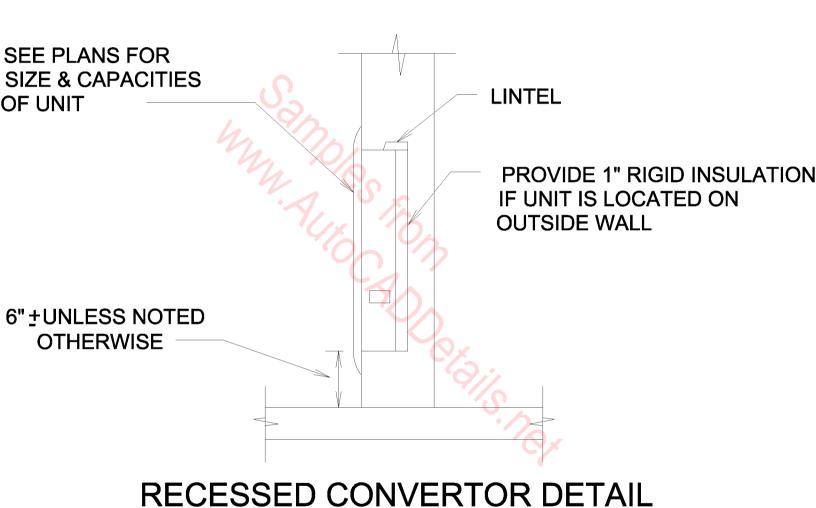


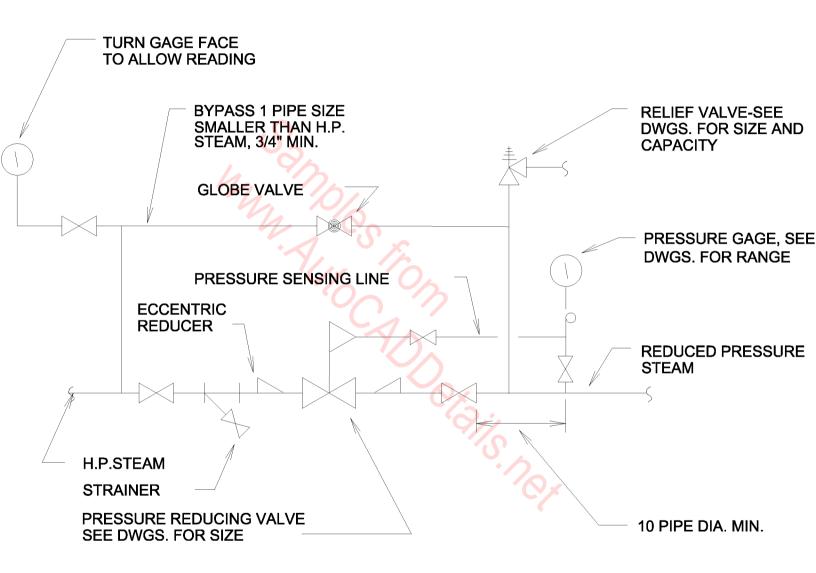
LAVATORY TAILPIECE DETAIL



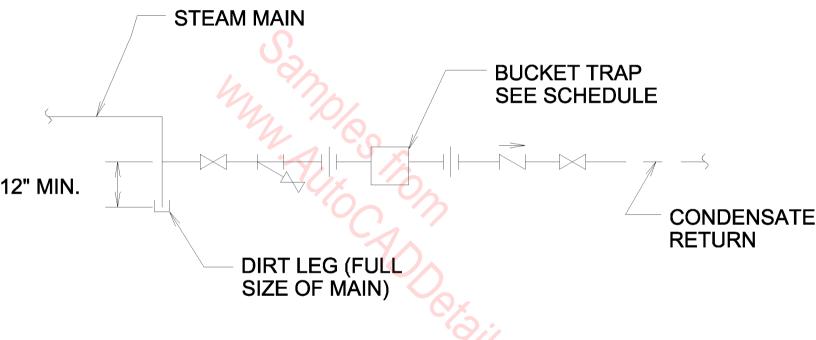


METAL FLUE STACK DETAIL



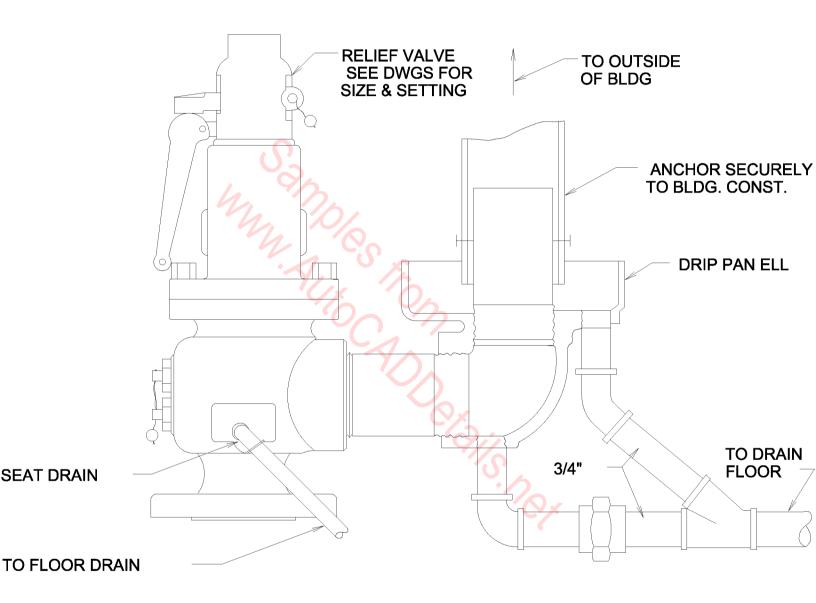


SINGLE STEAM PRV STATION

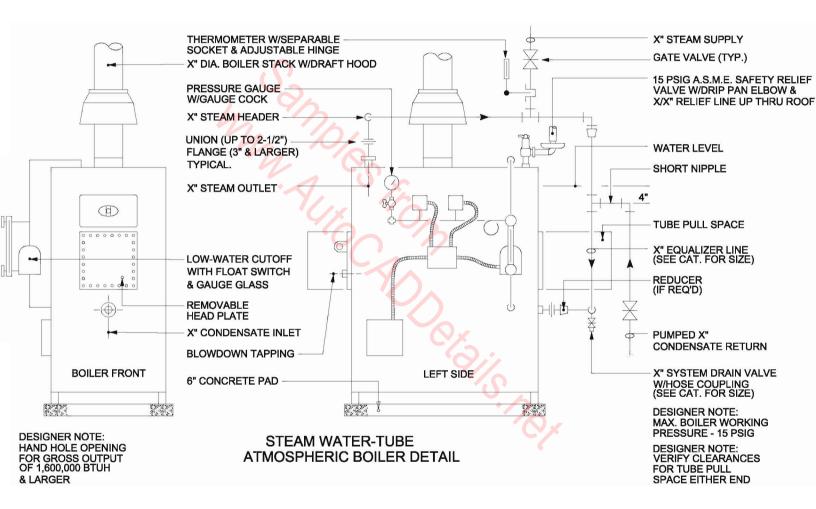


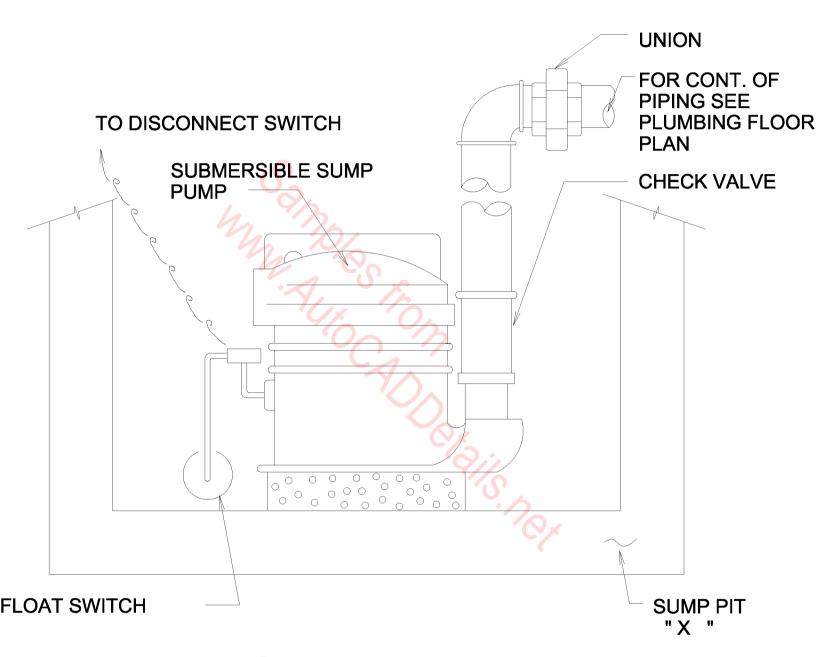
(MEDIUM PRESSURE)

STEAM MAIN DRIP DETAIL

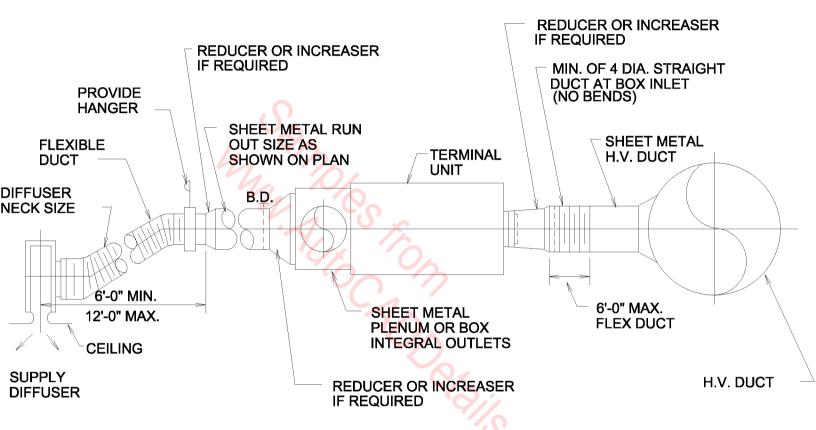


STEAM RELIEF VALVE DRIP PAN ELL





SUMP PUMP DETAIL

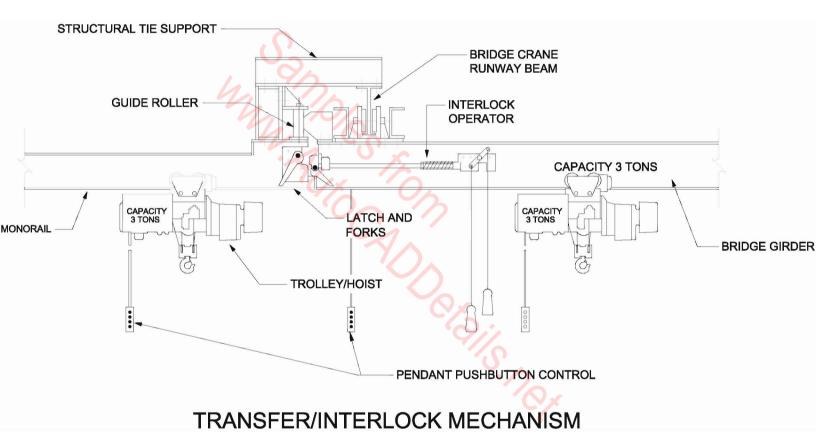


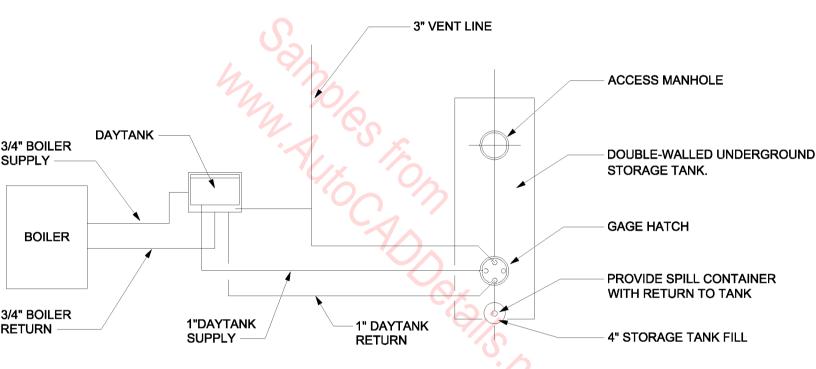
APPLICABLE FOR DIFFUSERS SERVED BY ROUND DUCTS ONLY

TERMINAL UNIT DUCT TAKE-OFF

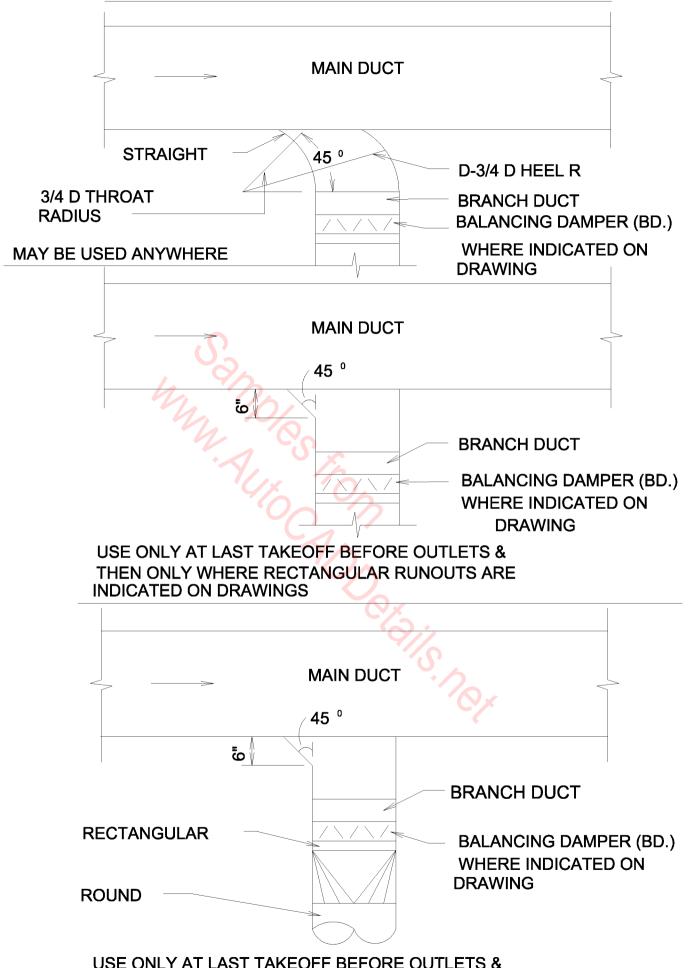
ACOUSTICAL LINING Man ples from Calbon Petalis nex 2'-MIN.

TRANSFER DUCT DETAIL



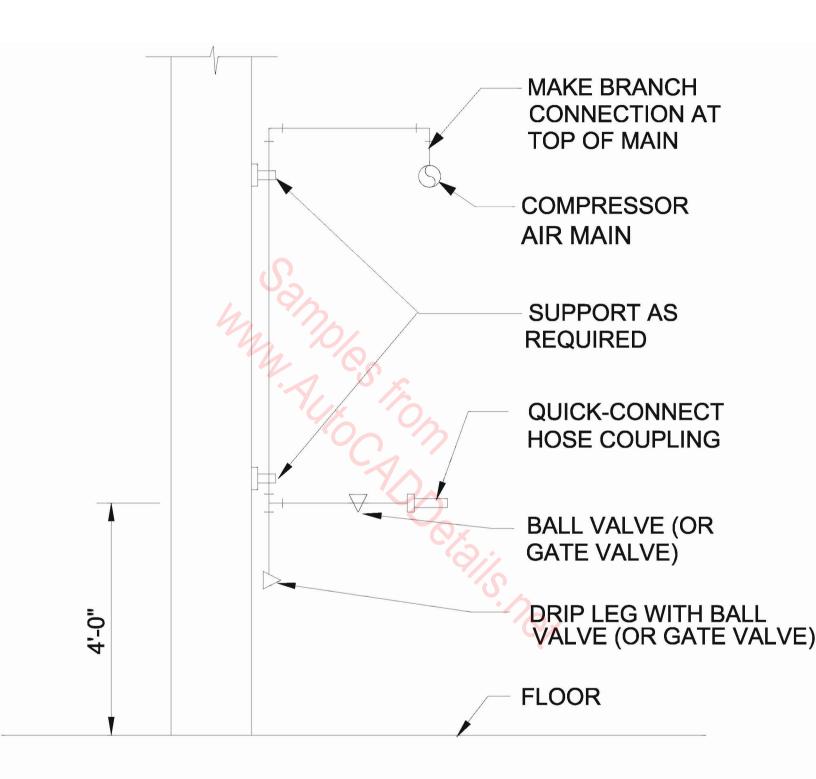


TYP. BOILER FUEL OIL FLOW SCHEMATIC

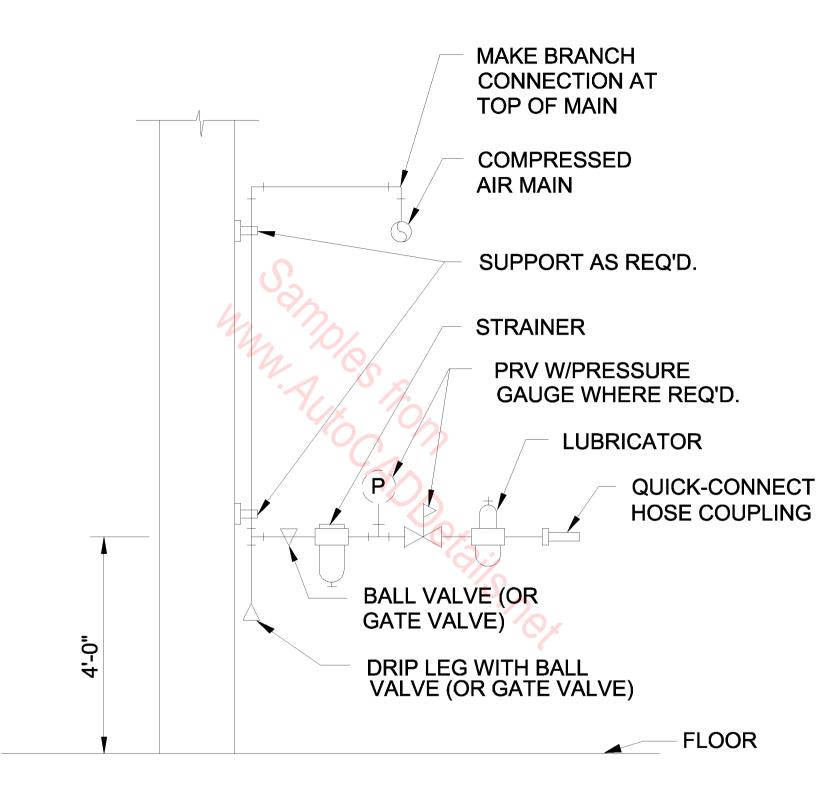


USE ONLY AT LAST TAKEOFF BEFORE OUTLETS & THEN ONLY WHERE ROUND RUNOUTS ARE INDICATED ON DRAWINGS

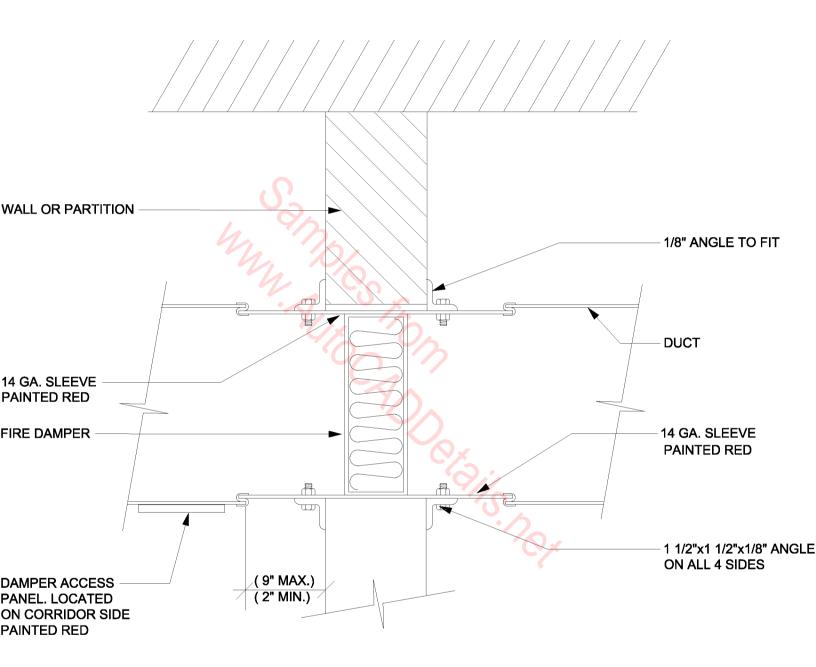
TYPICAL BRANCH CONNECTION



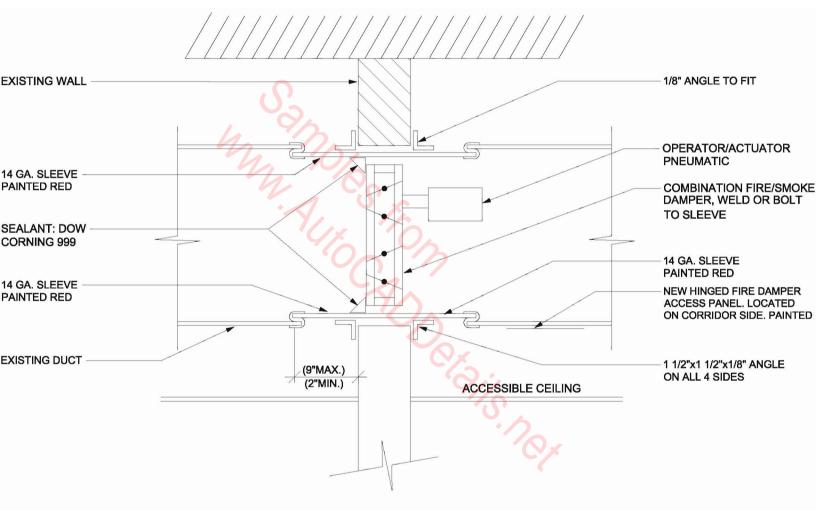
TYPICAL COMPRESSED AIR DROP



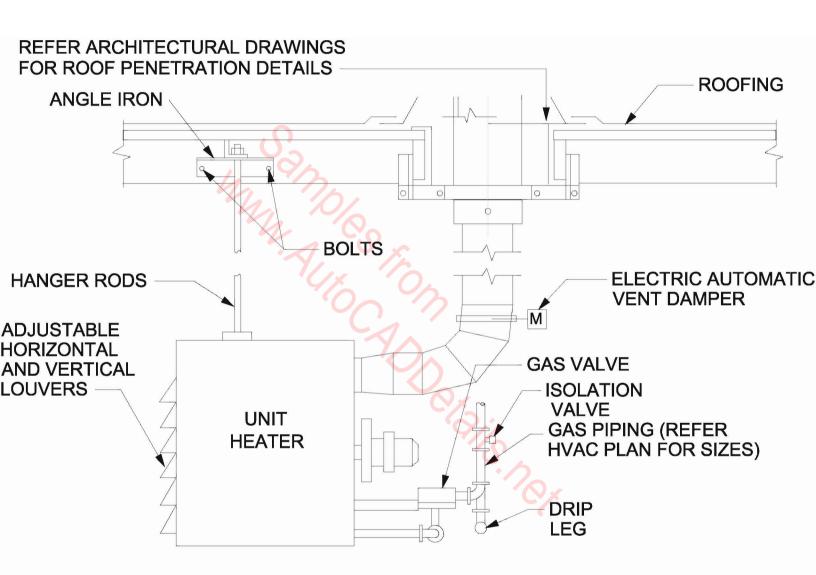
TYP COMP AIR TOOL STATION



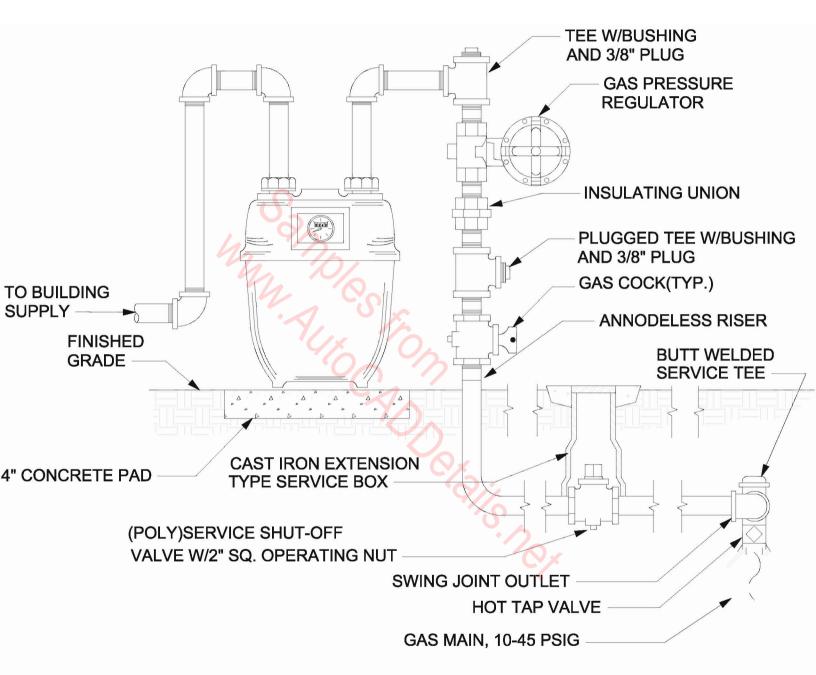
TYPICAL FIRE DAMPER



TYPICAL FIRE/SMOKE DAMPER

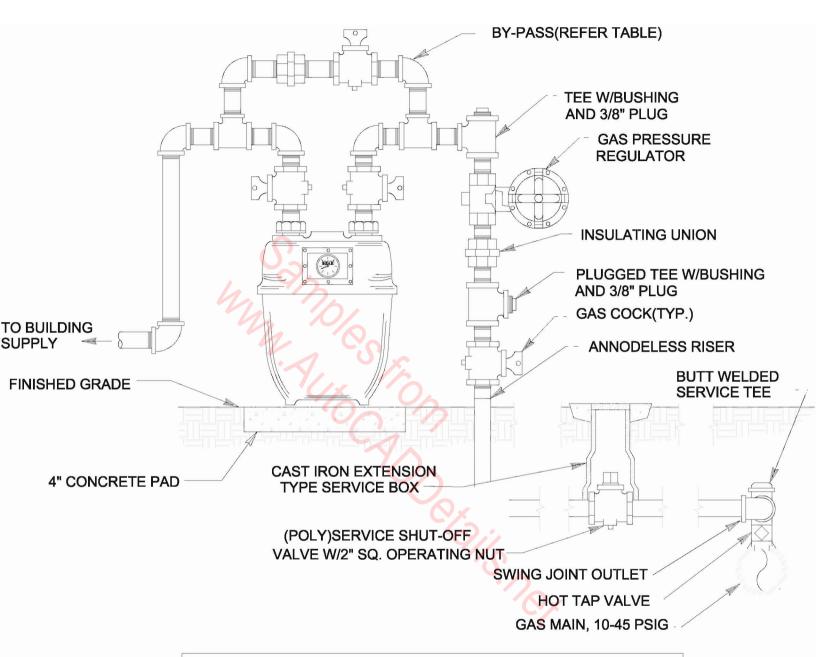


TYPICAL GAS FIRED UNIT HEATER DETAIL



NOTE: LINE SIZES AS CALLED FOR ON SITE PLAN

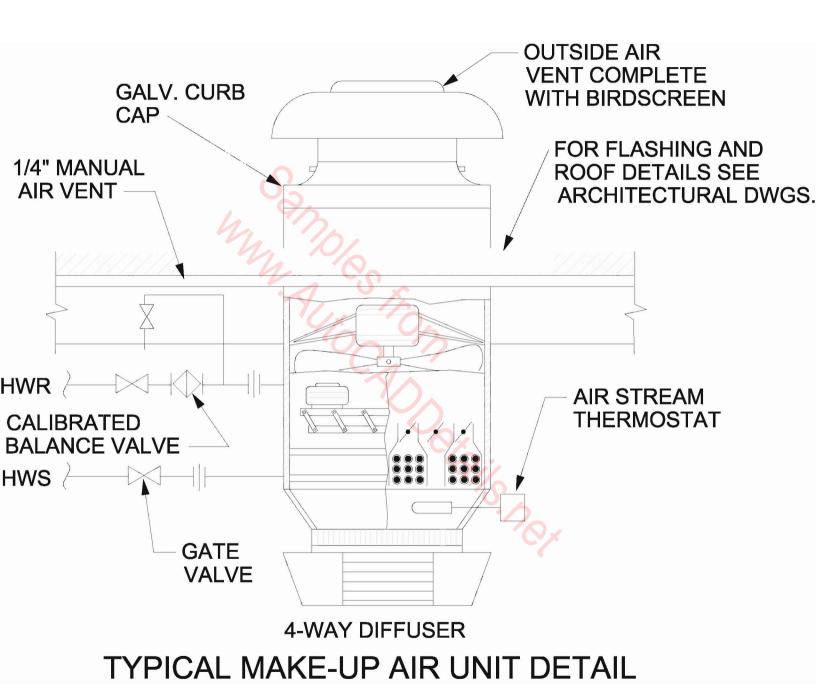
TYPICAL GAS SERVICE CONNECTION DETAIL

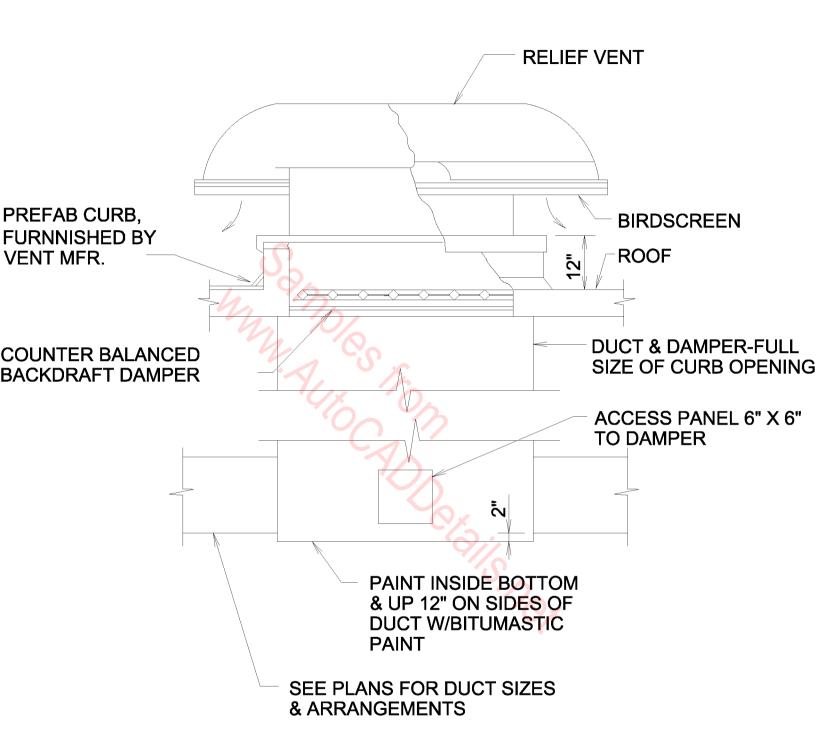


GAS METER DATA BY BUILDING			
BLDG.	BY-PASS LINE SIZE	STD. CU. FT./HR.	REG. CAP. (CFH)
DORMITORY BUILDINGS	3"	3,900	4,485
ADMINISTRATION BUILDING	3"	5,495	6,295

NOTE: LINE SIZES AS CALLED FOR ON SITE PLAN

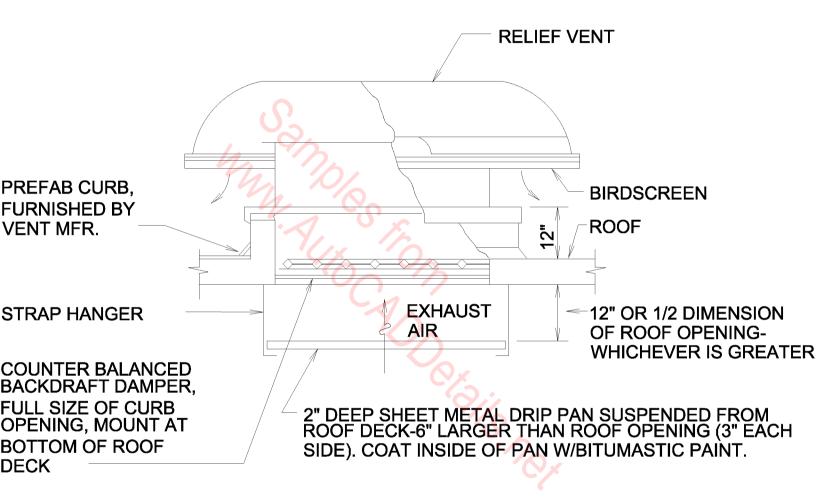
TYPICAL GAS SERVICE (W/BY-PASS) DETAIL



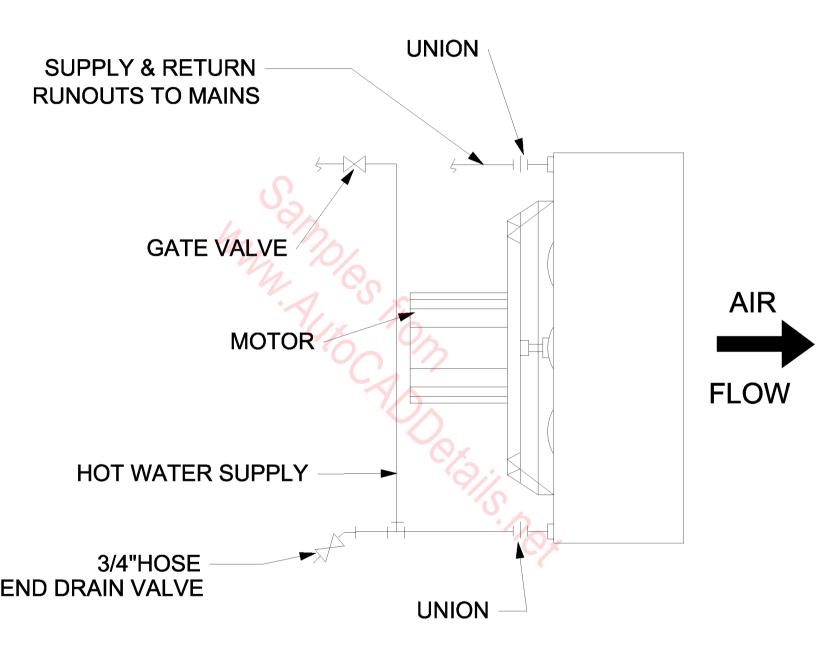


(WITH DUCT WORK)

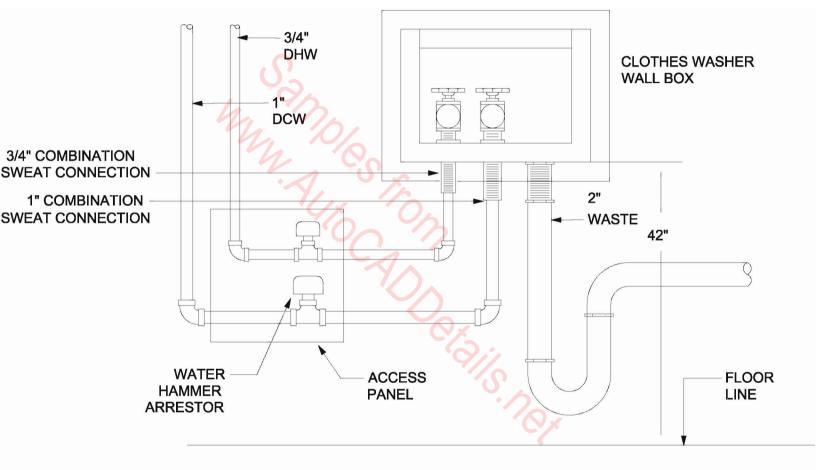
TYPICAL RELIEF VENT DETAIL



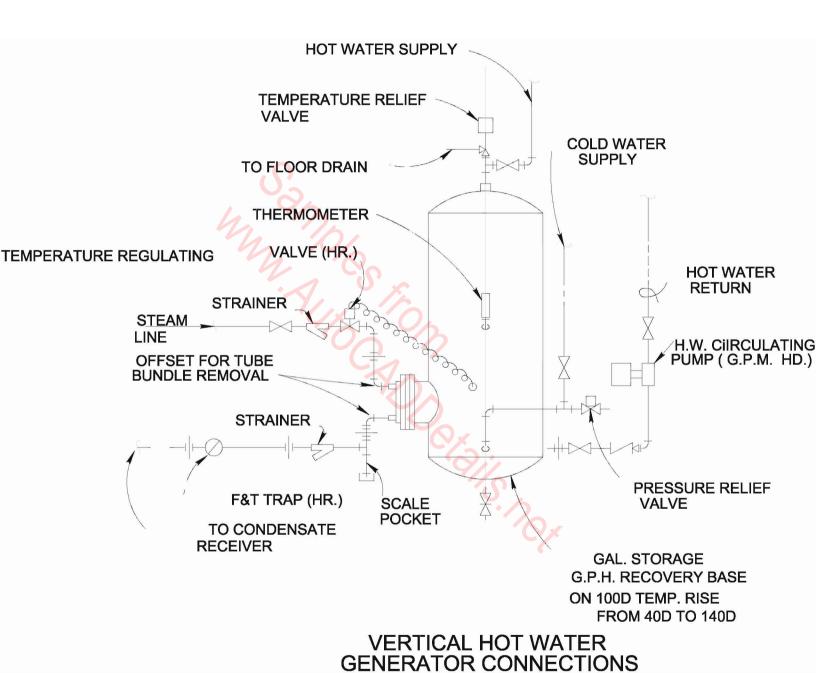
TYPICAL RELIEF VENT DETAIL

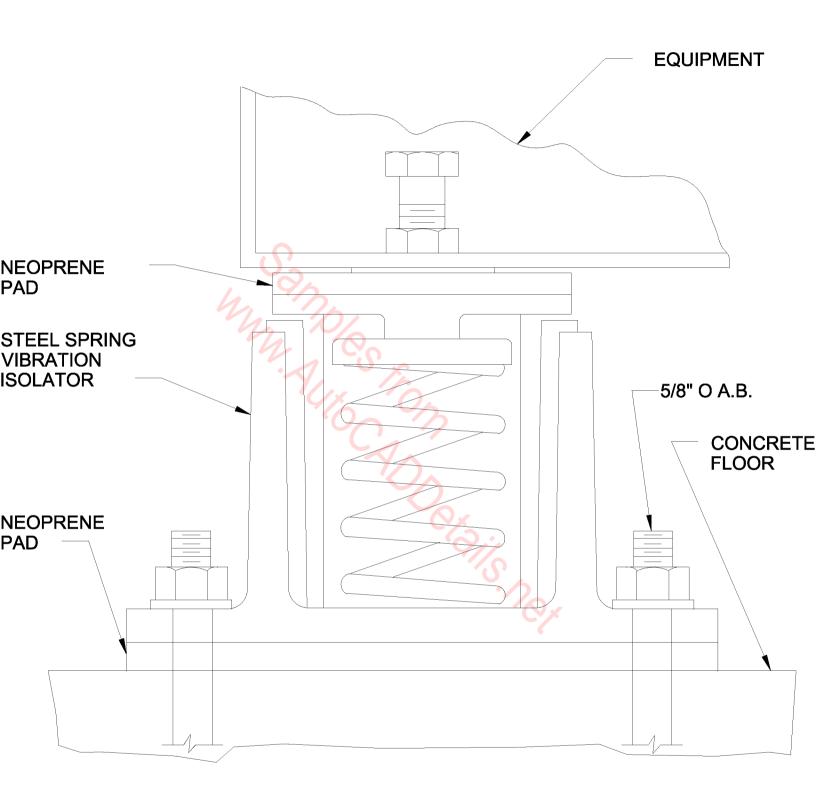


UNIT HEATER WITH PIPING

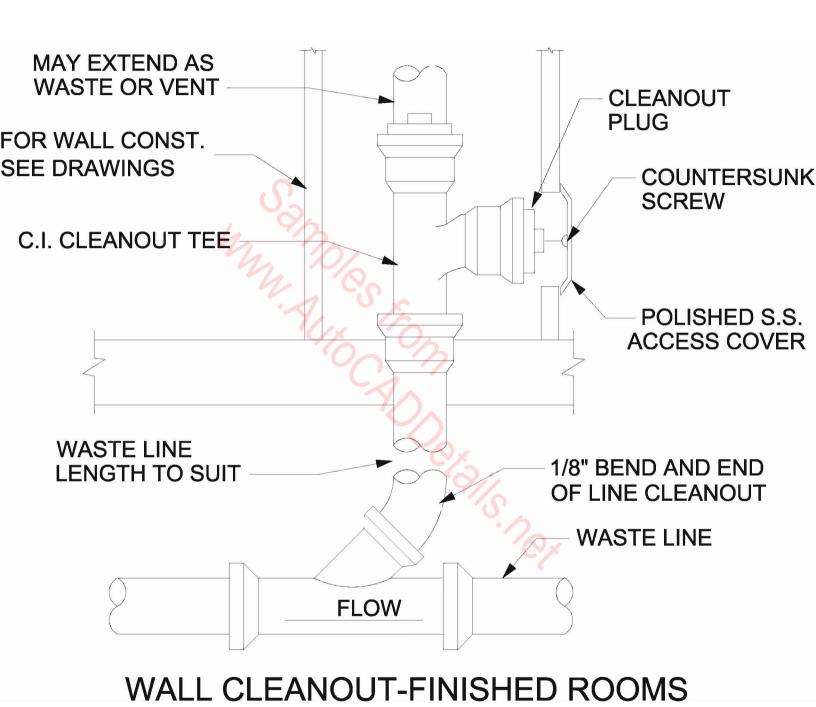


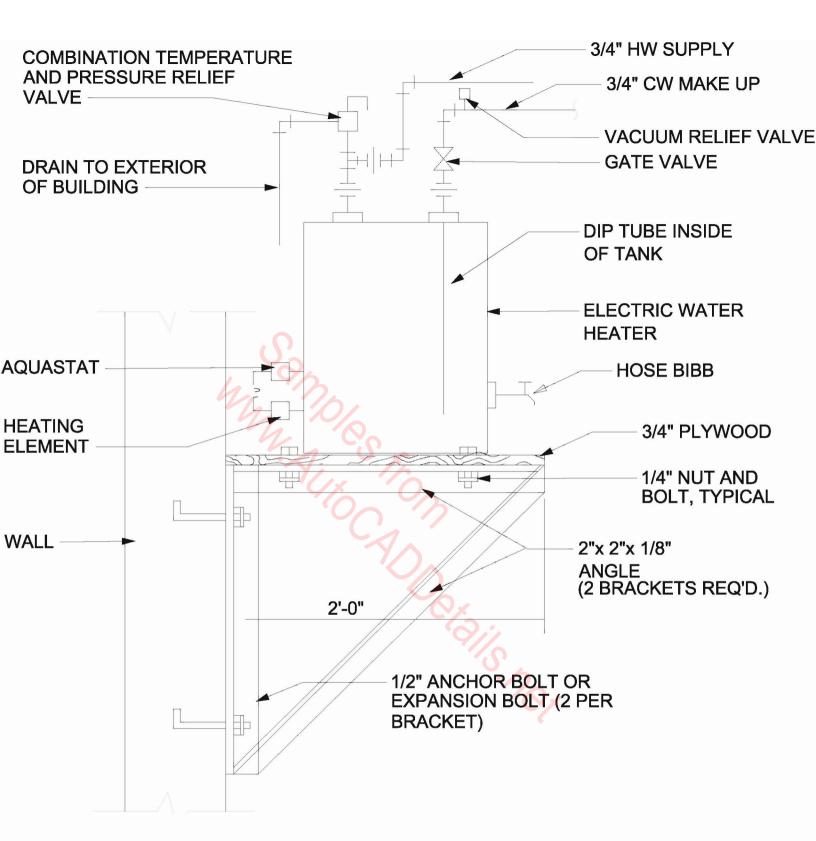
UTILITY WALL BOX FOR CLOTHES WASHER





VIBRATION ISOLATOR DETAIL





NOTE TO DESIGNER: N.S.P.C. 10.16.7 REQUIRES: WHERE A HOT WATER STORAGE TANK OR INDIRECT WATER HEATER IS LOCATED AT AN ELEVATION ABOVE THE FIXTURE OUTLETS IN THE SYSTEM A VACUUM RELIEF VALVE SHALL BE INSTALLED ON THE STORAGE TANK.

WALL MOUNTED ELECTRIC WATER HEATER DETAIL

