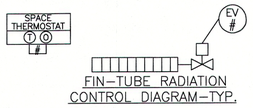
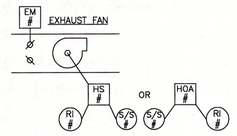
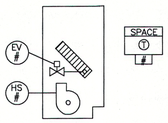
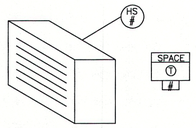




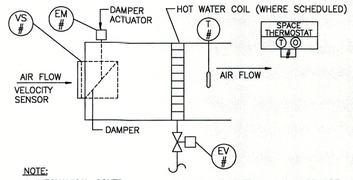
TYPICAL BATHROOM & GENERAL EXHAUST FAN CONTROL DIAGRAM



CABINET HEATER CONTROL DIAGRAM – TYP.

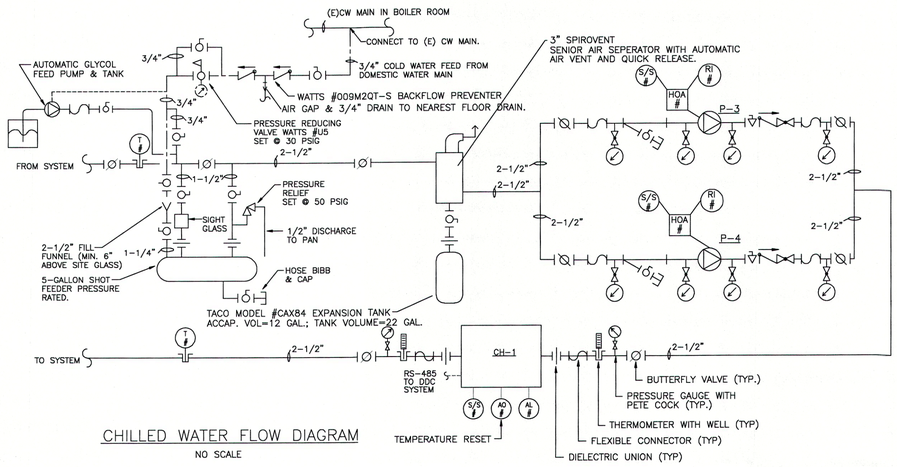


UNIT HEATER CONTROL DIAGRAM – TYP.

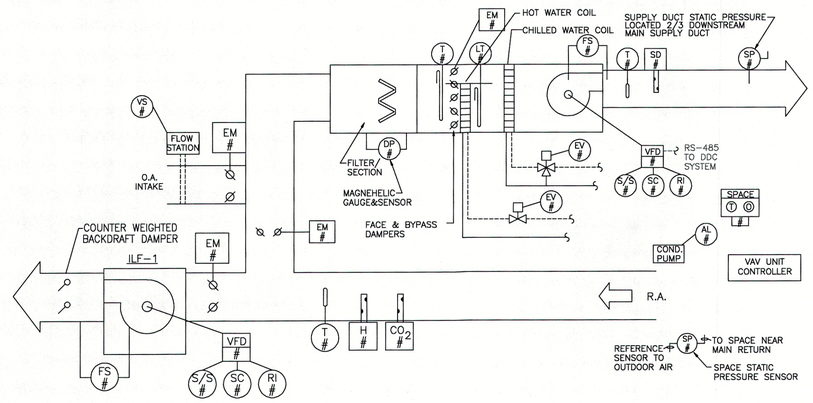


NOTE:
1. MECHANICAL CONTRACTOR TO COORDINATE INTERLOCKING HARDWARE, DAMPER & VALVE ACTUATORS AND VELOCITY FLOW TRANSDUCERS W/ CONTROLS CONTRACTOR & TERMINAL MANUF. BEFORE ORDERING.

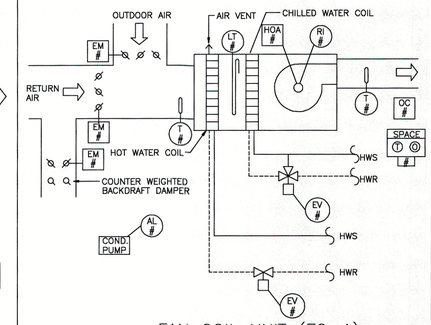
VAV TERMINAL WITH HOT WATER COIL CONTROL DIAGRAM – TYP.
NO SCALE



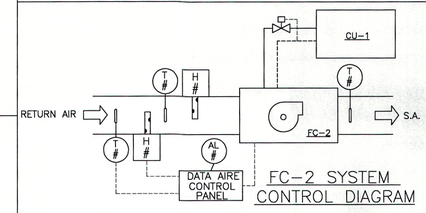
CHILLED WATER FLOW DIAGRAM
NO SCALE



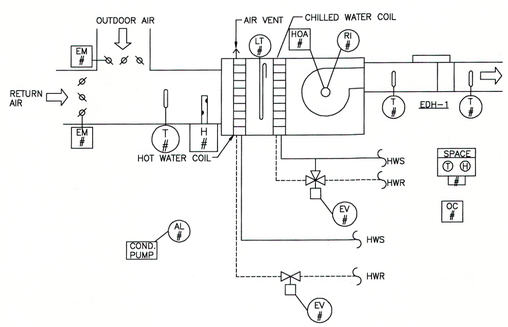
AHU-1 CONTROL DIAGRAM



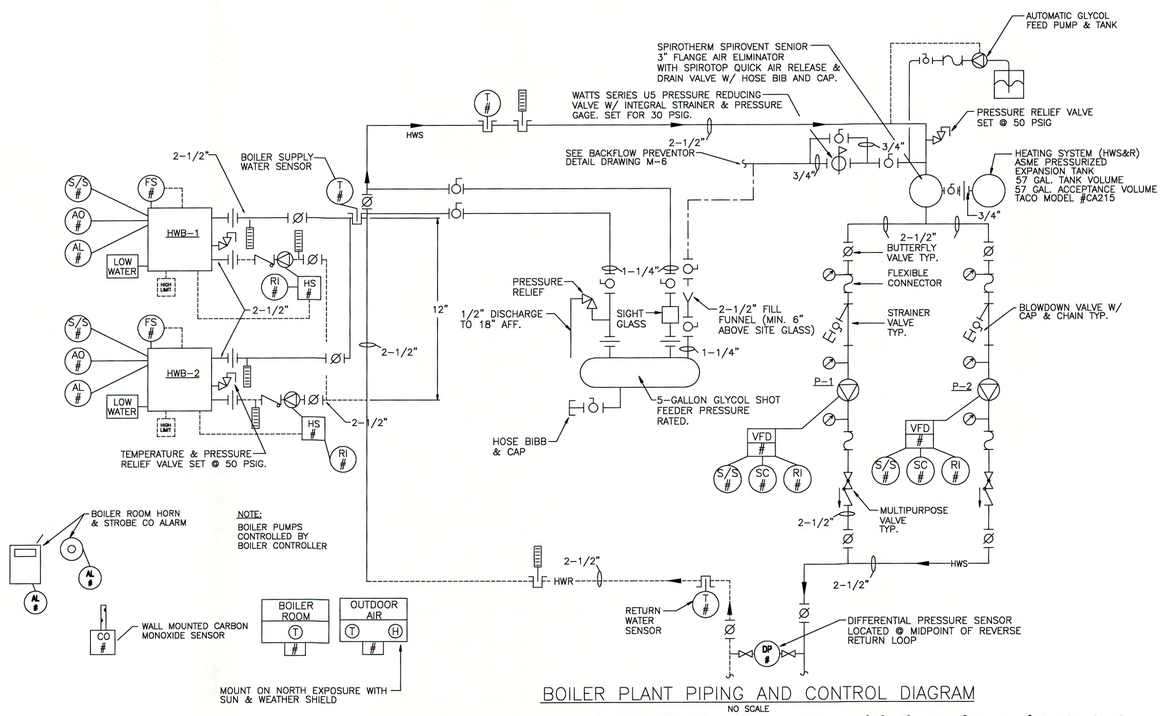
FAN COIL UNIT (FC-1) CONTROL DIAGRAM



FC-2 SYSTEM CONTROL DIAGRAM



FAN COIL UNIT (FC-3) CONTROL DIAGRAM ALTERNATE



BOILER PLANT PIPING AND CONTROL DIAGRAM
NO SCALE

ATCO As Build 3/31/2011

CONTROLS LEGEND

SPACE T O #	WALL MOUNTED SPACE TEMPERATURE THERMOSTAT AND/OR OCCUPANCY OVER-RIDE BUTTON
T #	WATER TEMPERATURE SENSOR/THERMOSTAT
FS #	DIFFERENTIAL PRESSURE FLOW SENSOR (AIR) PADDLE FLOW SENSOR (WATER)
DP #	FILTER DIFFERENTIAL PRESSURE SENSOR
VS #	VELOCITY TRANSDUCER
AQ	AQUASTAT
EV #	ELECTRONIC VALVE ACTUATOR
EM #	ELECTRONIC DAMPER MOTOR ACTUATOR
T #	DUCT MOUNTED TEMPERATURE SENSOR/THERMOSTAT
H #	DUCT MOUNTED RELATIVE HUMIDITY SENSOR
LT #	DUCT MOUNTED LOW TEMP. FREEZE THERMOSTAT
T #	DUCT MOUNTED AVERAGING THERMOSTAT
HS #	AUTO-OFF SWITCH
HOA #	HAND-AUTO-OFF STARTER
SD #	DUCT SMOKE DETECTOR (FURNISHED BY OTHERS)
A #	ALARM
CO_2	CO_2 SENSOR

SEAMAN ENGINEERING CORPORATION
30 Faith Ave.Auburn, MA 01501
508-832-3535 fx 508-832-3393

KANG ASSOCIATES, INC
339 BOSTON POST ROAD
SUDBURY, MA

WESTFORD TOWN HALL ADDITION & RENOVATIONS

55 MAIN STREET, WESTFORD, MA

DATE: 09/02/09

SCALE: NO SCALE

HVAC CONTROLS

H6