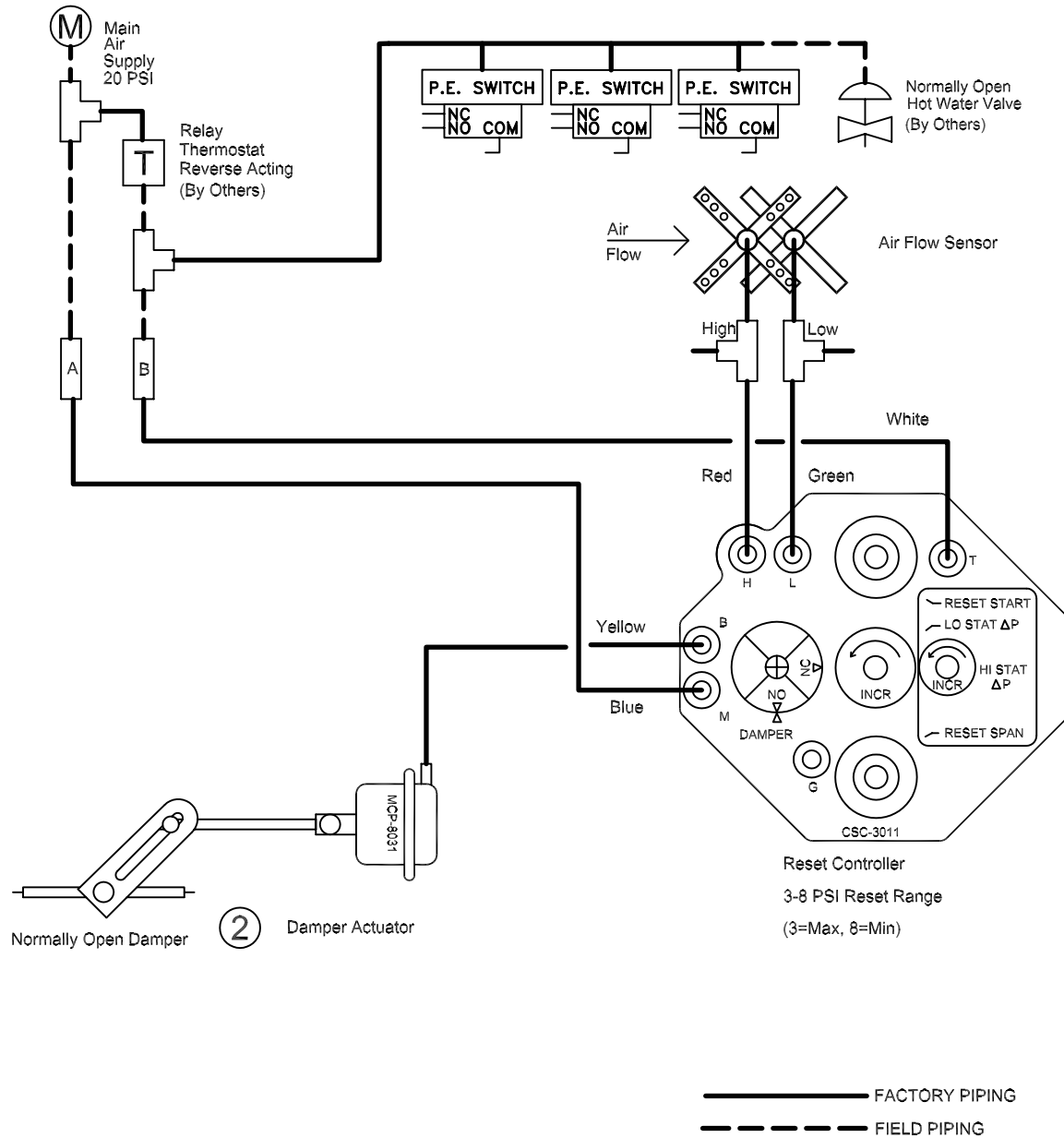




NOTES:

1. DAMPER FAILS NORMALLY OPEN.
2. MAIN AIR SUPPLY CONSUMPTION IS 0.017 SCFM AT 20 PSIG.

Job: _____

Location: _____

Architect: _____

Engineer: _____

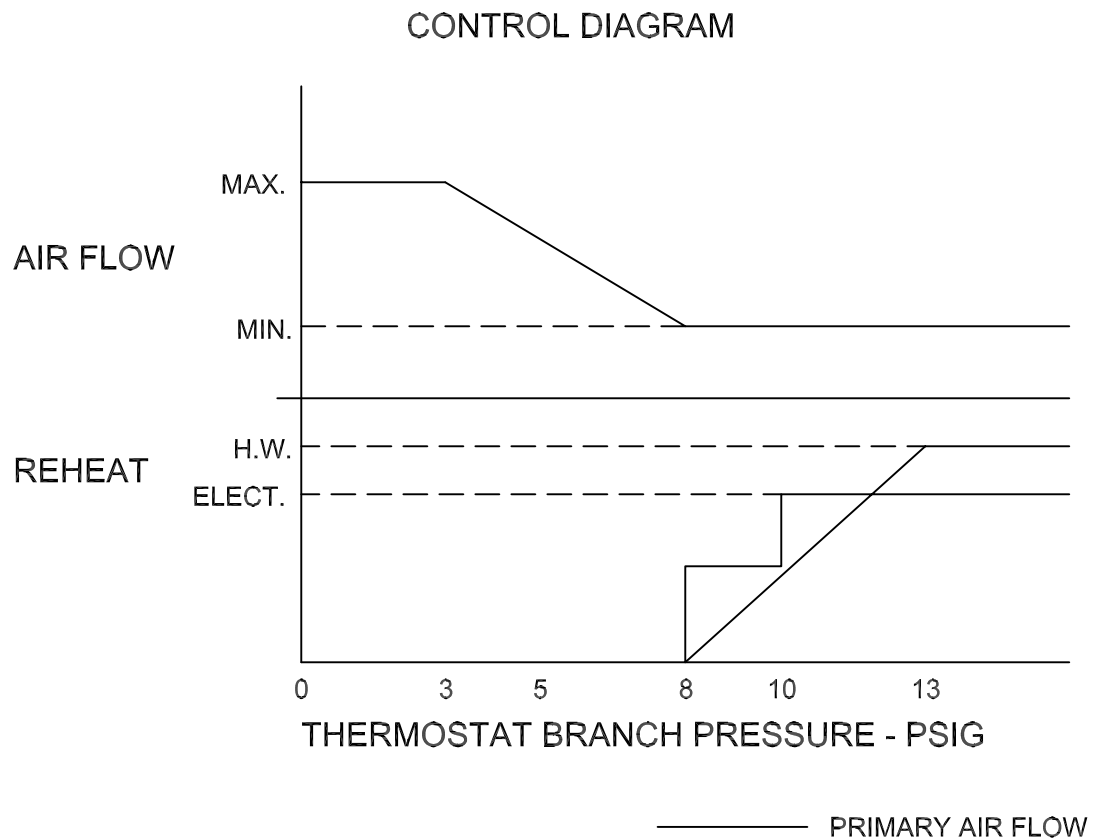
Contractor: _____

Tag: _____

Submitted by: _____

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SDV SINGLE DUCT VAV
PNEUMATIC CONTROLS
 Reverse Acting - Normally Open



SEQUENCE OF OPERATION

1.) COOLING ONLY

Airflow is at minimum when thermostat branch pressure is above 8 PSIG. On a rise in room temperature, the thermostat branch pressure decreases to 3 PSIG and air flow increases to maximum. The reverse will occur, with a drop in room temperature.

2.) COOLING WITH REHEAT

Primary air flow is at minimum and the reheat is energized when thermostat branch pressure is between 8-13 PSIG. As room temperature increases reheat is sequenced off. With a further rise in room temperature the thermostat branch pressure decreases to 3 PSIG and primary airflow increases to maximum. The Reverse will occur with a drop in room temperature.

NOTE: Optional reheat control requires a normally closed hot water valve or normally open P/E switch.

3.) Damper fails open with loss of pneumatic air.

Job: _____
 Location: _____
 Architect: _____
 Engineer: _____
 Contractor: _____

Tag: _____
 Submitted by: _____

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