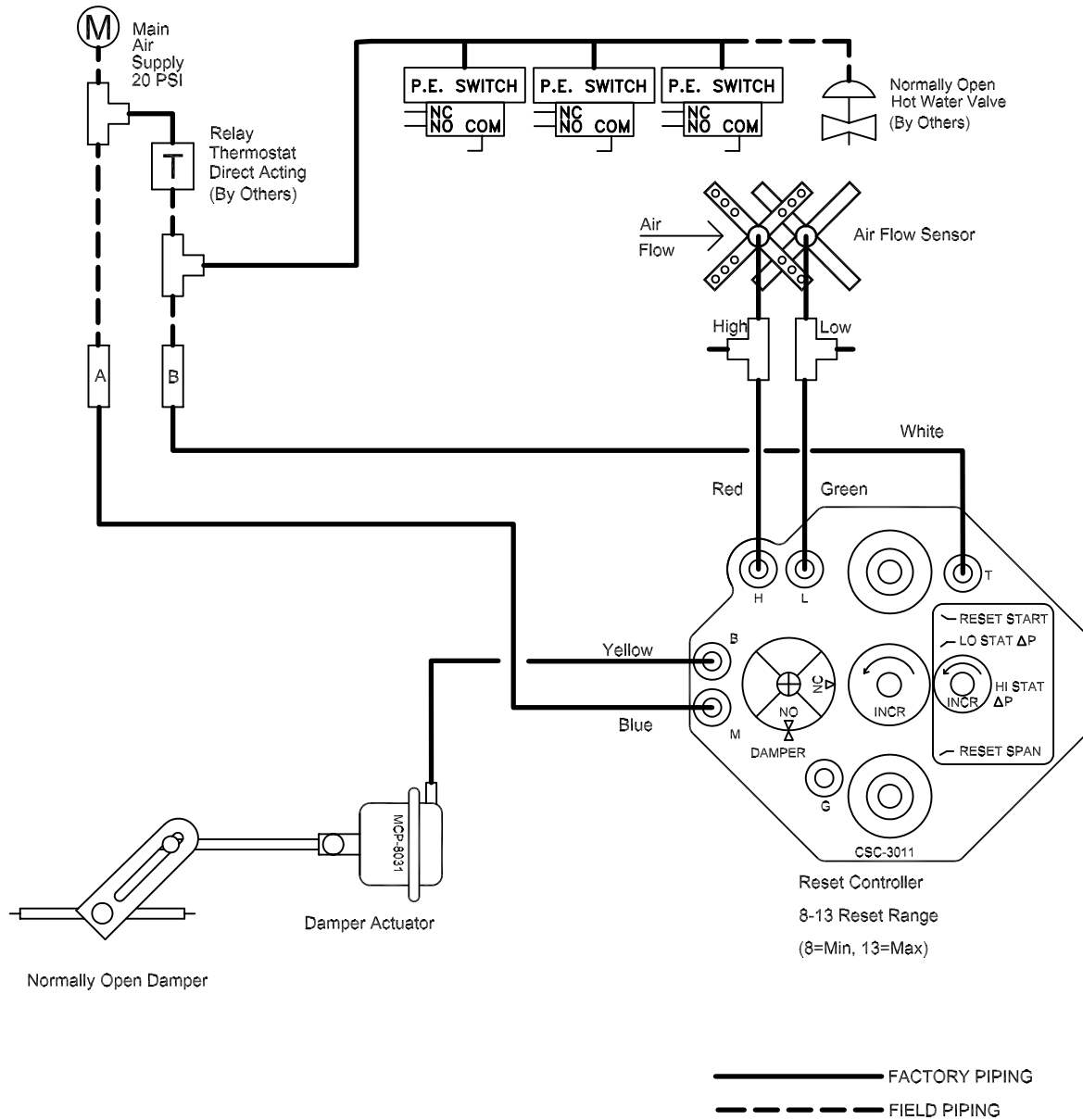




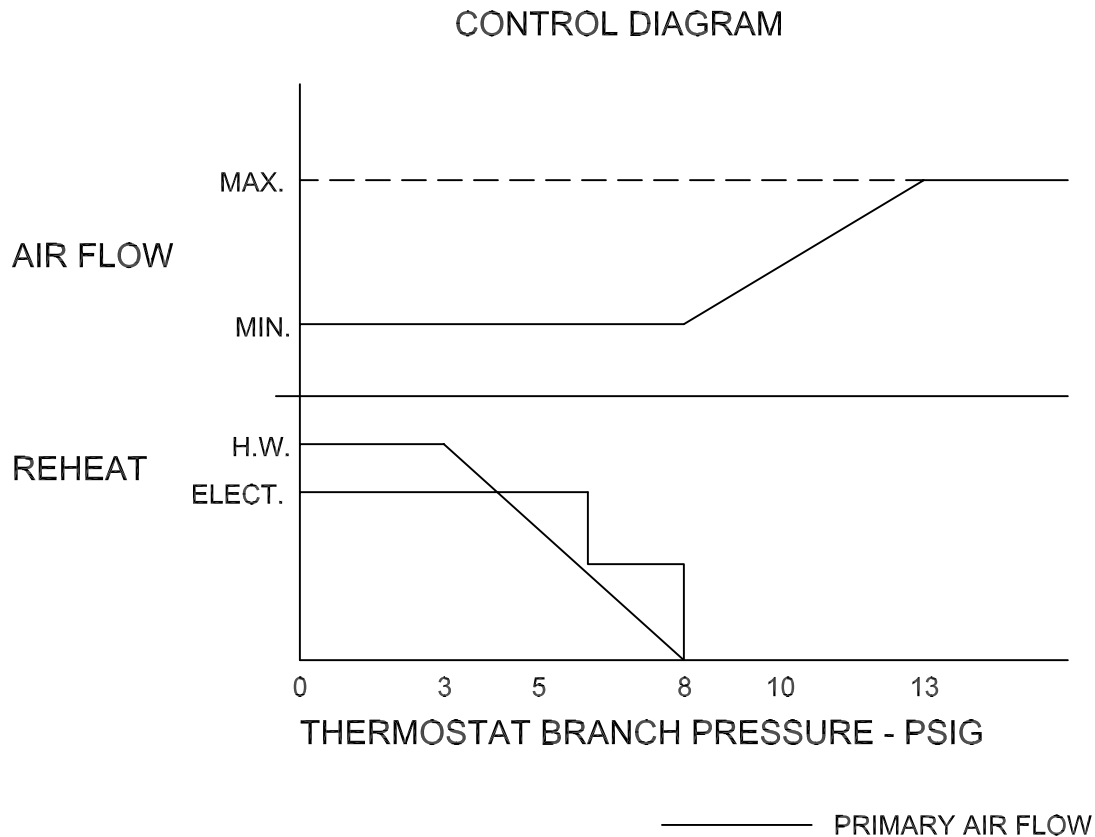
NOTES:

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: _____
 CD-1202 10/09/2006

SDV SINGLE DUCT VAV
PNEUMATIC CONTROLS
 Direct Acting - Normally Open



SEQUENCE OF OPERATION

1.) COOLING ONLY

Airflow is at minimum when thermostat branch pressure is below 8 PSIG. On a rise in room temperature, the thermostat branch pressure increases to 13 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 3-8 PSIG. As room temperature increase reheat is sequenced off. With a further rise in room temperature the thermostat branch pressure increases to 13 PSIG and primary airflow increases to maximum. The Reverse will occur with a drop in room temperature.

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

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

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

Tag: _____
 Submitted by: _____

CD-1202 (Page 2) 10/09/2006