Furnish and install Anemostat Model RME variable air volume, cooling only bypass / relief type air terminals where shown on the plans. The terminals shall consist of a single primary air damper that shall proportion the total primary air through the terminal to either the ceiling plenum or the space as dictated by the space thermostat demand. The flow into the relief terminal shall remain essentially constant regardless of the primary damper position. The terminal casing shall be fabricated of minimum 22 gauge zinc coated steel, and shall be lined with minimum 1/2" dual density fiberglass insulation conforming to ASTM C1071. A radiated noise shroud shall limit the radiated sound levels not to exceed those shown in the air terminal unit schedule. A bypass adjustment damper shall be located on the top of the unit to allow for field balancing of the unit to maintain a constant total flow to the unit from maximum to zero bypass. A balancing damper (provided by the installing contractor) shall be located a minimum o f three diameters upstream of the relief air terminal to adjust the constant volume flow to the unit.

Where scheduled, factory mounted 1, 2, or 4 row hot water heating coils shall be provided for perimeter zones requiring heat. The terminal controls shall include a mechanical damper position stop or other means to keep the damper from closing to full shut-off, providing a minimum air flow across the coil during the heating mode.

PNEUMATIC CONTROL SYSTEMS

Pneumatic controls shall be suitable for a 20 psi control system. The pneumatic actuator shall be furnished and mounted by the air terminal manufacturer to ensure that the primary air damper operates from full open to full closed. The primary damper shall be normally (open)(closed) for proper sequencing with the wall thermostat. (Optional) A steel control enclosure shall house all control components. The sequence of operation is based on Anemostat Control Package BP-_____.

ELECTRIC CONTROL SYSTEMS

Electric controls shall be compatible with the line voltage feed to the terminal and shall include a step down transformer as required for control voltage compatibility. The electric actuator shall be designed for permanent stall without damage. A steel control enclosure shall house all control components. The wall thermostat shall be supplied by the (terminal manufacturer) (control contractor) and shall be compatible with the air terminal electric controls. The sequence of operation is based on Anemostat Control Package BE-_____ .