



SEQUENCE OF OPERATION

2-POSITION CONTROL

THE BAS INDEXES THE ROOM BETWEEN OCCUPIED AND UNOCCUPIED MODES OF OPERATION ON A SCHEDULED TIME OF DAY BASIS. THE PUSHBUTTON (PB-1) OVERRIDE CAUSES THE SYSTEM TO REVERT TO THE OCCUPIED MODE OF OPERATION FOR A PERIOD OF 8 HOURS.

OCCUPIED MODE - THE BAS MODULATES THE REHEAT COIL VALVE TO MAINTAIN THE EXHAUST AIR TEMP AT SETPOINT AND SETS THE SUPPLY AIR FLOW TO ITS MAXIMUM SETTING. THE EXHAUST AIR FLOW TRACKS THE SUPPLY AIR FLOW TO MAINTAIN ROOM PRESSURE

UNOCCUPIED MODE - THE BAS MODULATES THE REHEAT COIL VALVE TO MAINTAIN THE EXHAUST AIR TEMP AT SETPOINT AND SETS THE SUPPLY AIR FLOW TO ITS MINIMUM SETTING. THE EXHAUST AIR FLOW TRACKS THE SUPPLY AIR FLOW TO MAINTAIN ROOM PRESSURE

LIGHTING IS CONTROLLED VIA LOCAL TOGGLE SWITCHES (NOT SHOWN). BAS DOES NOT HAVE CONTROL OF LIGHTING

MAGNEHELIC GAUGE (MG-1) LOCATED OUTSIDE THE ROOM AND ABOUT THE DOOR INDICATES ROOM PRESSURIZATION.

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P000XXXX
U OF M PROJECT NO.

100XXXX
BLDG NO.

SHEET TITLE

**Vivarium
Cage Wash Room
Control Drawing**

SHEET NO.

SHEET NO. OF ____