

NOTE: MVA #6 IS FULLY LOADED AT -20°C OUTSIDE AIR AND VENT COMMAND.

MVA #1, 4, 6, & 7 ALL SHOULD BE ON A GPL PROGRAM TO MODULATE DAMPER POSITION IN OCCUPIED MODE TO: OA

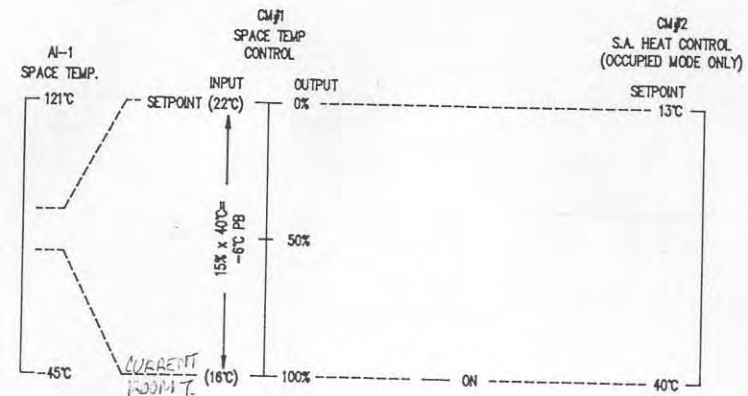
-60    -40    -20    0  
 0%    15%    35%    55%  
 (DAMPER TURNDOWN FUNCTION) (THIS COULD BE USED ON STORAGE GARAGE AS WELL WITH PERHAPS AN ADJUST ZERO POINT)

SETPOINT DAMPER POSITION =  
 50 + (0A.T<sub>temp</sub>)  
 50 + (-18) = 32%  
 50 + (-20) = 30%  
 50 + (-30) = 20%  
 50 + (-40) = 10%

**LEGEND**

- Point Desc. - DC-9100 DIGITAL CONTROLLER
- Term. Number - TERMINATIONS
- CO2 - CARBON DIOXIDE SENSOR
- CR - 24VAC CONTROL RELAY\*
- DPS - DIFFERENTIAL PRESSURE SWITCH
- DPT - DIFFERENTIAL PRESSURE TRANSDUCER\*
- TE - 1000Ω RESISTIVE TEMPERATURE ELEMENT
- VRT - VOLTAGE IN/RESISTIVE OUT TRANSDUCER\*
- \* - MOUNTED AT MUA UNIT IN 20" x 20" DDC CONTROL PANEL (REFER DWG. 1501-49)

- (2) - 18/2 TWISTED & SHIELDED CABLE
- (4) - 22/4 TWISTED CABLE



DC-9100 SEQUENCE GRAPH

SEE DOW 44

DRAWING TITLE		FILE: MUA-6-7	
FT. ROUGE G SECTION			
MUA UNITS			
TYPICAL OF MUA-4, 6 & 7			
REFERENCE DRAWING	NO.	REVISION-LOCATION	DATE BY
1	AS BUILT		04/15/92 CM
SALES ENGR	PROJECT MGR	APPL. ENGR	DRAWN
BH	RC	RC	APPROVED
PROJECT	CONTRACT NUMBER	DATE	
WINNEPEG TRANSIT	91098-5006	01/08/92	
ADMINISTRATION AND G SECTION			
METASYS FACILITY			
MANAGEMENT SYSTEM			
JOHNSON CONTROLS		CONTRACT NUMBER	
Systems & Services Division		91098-5006	
		DRAWING NUMBER	
		1501-41C	