



POINTS LIST						
POINT NAME	POINT DESCRIPTOR	POINT TYPE				REMARKS
		DI	AI	DO	AO	
AHUXx.RA-T	AHUX RA Temp		1			
AHUXx.RA-H	AHUX RA Humidity		1			
AHUXx.SMK-RA-ST5	AHUX RA Smk Det	1				
AHUXx.RET-FN-ALARM	AHx RF VSD Alarm	1				(may be network pt)
AHUXx.RET-FN-ST5	AHUX RF Status	1				
AHUXx.RET-FN-FDBK	AHUX RF Feedback		1			(may be network pt)
AHUXx.RET-FN-C	AHUX RF Start/Stop			1	1	
AHUXx.S-FN-ALARM	AHx SF VSD Alarm	1				(may be network pt)
AHUXx.S-FN-ST5	AHUX SF Status	1				
AHUXx.S-FN-FDBK	AHUX SF Feedback		1			(may be network pt)
AHUXx.S-FN-C	AHUX SF Start/Stop			1	1	
AHUXx.S-FN-SPD-O	AHUX SF Speed				1	
AHUXx.SA-F	AHUX SA Flow		1			
AHUXx.RA-F	AHUX RA Flow		1			
AHUXx.RLF-D-C	AHUX Relief Damper				1	
AHUXx.ECON-D-C	AHUX Econ Dampers				1	
AHUXx.MA-T	AHUX MA Temperature		1			
AHUXx.SA-T	AHUX SA Temperature		1			
AHUXx.PH-T	AHUX PH Temp		1			
AHUXx.DD-STP	AHUX DD Static		1			
AHUXx.T-ALA	AHUX Low Temp Alm	1				
AHUXx.SA-P-H-ALA	AHUX SA High Press	1				
AHUXx.HTG-V-C	AHUX HW Valve				1	
AHUXx.CHW-V-C	AHUX CHW Valve				1	
TOTALS		7	10	2	6	

LOGIC VARIABLES			
BINARY	ANALOG	DESCRIPTION	#
[Occ]		ON WHEN OCCUPIED MODE ACTIVE	4
[RUN]		ON WHEN UNIT COMMANDED TO START	2
[SBH]		ON WHEN SETBACK HEATING MODE ACTIVE	4
[SBC]		ON WHEN SETBACK COOLING MODE ACTIVE	3
[WUP]		ON WHEN WARM-UP MODE ACTIVE	3
[CDN]		ON WHEN COOL-DOWN MODE ACTIVE	3
[SGO]		ON WHEN SUPPLY FAN ENERGIZED AND STATUS PROVEN	10
[RGO]		ON WHEN RETURN FAN ENERGIZED AND STATUS PROVEN	2
[MAGO]		ON WHEN OA CONDITIONS ALLOW ECONOMIZER CONTROL	3
[SFTY]		ON WHEN Smoke Detector, Freezesat or High Static Pressure ARE ON	2
[HST]		VARIABLE CALCULATED VALUE OF HIGHEST SPACE TEMPERATURE	2
[SCFM]		VARIABLE VALUE OF SUPPLY AIR FLOW (CFM)	2
[SAT]		VARIABLE VALUE OF SUPPLY AIR TEMPERATURE	3
[MAT]		VARIABLE VALUE OF MIXED AIR TEMPERATURE	2
[DASP]		VARIABLE CALCULATED VALUE OF DISCHARGE TEMPERATURE SETPOINT	3
[CPCT]		VARIABLE CALCULATED VALUE OF CHW VALVE POSITION	2
[HPCT]		VARIABLE CALCULATED VALUE OF HW VALVE POSITION	3
[EPCT]		VARIABLE CALCULATED VALUE OF ECONOMIZER PID OUTPUT	4
[RHP]		VARIABLE CALCULATED VALUE OF CHW VALVE POSITION FOR DEHUM	2

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UNIVERSITY OF VIRGINIA
 FACILITIES MANAGEMENT

HVAC CONTROLS STANDARDS

Eng HJN
 Drawn HJN
 Chkd ---
 Appd ---
 Issued 8/4/11
 Job No. 10080
 Scale N/A
 Proj Code

STANDARD

VAV AIR HANDLER (LOGIC)

04 OF 30 SHEET NUMBER

C-1.0b

DWG NUMBER