



POINTS LIST

POINT NAME	POINT DESCRIPTOR	POINT TYPE				REMARKS
		DI	AI	DO	AO	
AHUXx.RA-T	AHUX RA Temp		1			
AHUXx.RET-FN-ST5	AHUX RF Status	1				
AHUXx.RET-FN-C	AHUX RF Start/Stop			1		
AHUXx.S-FN-ST5	AHUX SF Status	1				
AHUXx.S-FN-C	AHUX SF Start/Stop			1		
AHUXx.OA-D-C	AHUX OA Damper				1	
AHUXx.RA-D-C	AHUX Rf/RA Damper				1	
AHUXx.MA-T	AHUX MA Temperature	1				
AHUXx.SA-T	AHUX SA Temperature	1				
AHUXx.HTG-V-C	AHUX HW Valve				1	
AHUXx.SMK-SA-ST5	AHUX SA Smk Det	1				
AHUXx.SMK-RA-ST5	AHUX RA Smk Det	1				
AHUXx.L-T-ALA	AHUX Low Temp Alrm	1				
AHUXx.CHW-V-C	AHUX ChW Valve				1	
AHUXx.ZN-xx-T	AHUX Zone xx Temp		1			
AHUXx.OCC-OVRD	AHUX Occ Override	1				
AHUXx.PH-T	AHUX PH Temp		1			
AHUXx.DRPN-ALA	AHUX Drain Pan Alrm	1				
TOTALS		7	5	2	4	

LOGIC VARIABLES

BINARY	ANALOG	DESCRIPTION	#
Occ		ON WHEN OCCUPIED MODE ACTIVE	3
Run		ON WHEN UNIT COMMANDED TO START	2
SBH		ON WHEN SETBACK HEATING MODE ACTIVE	2
SBC		ON WHEN SETBACK COOLING MODE ACTIVE	2
GO		ON WHEN SUPPLY FAN ENERGIZED AND STATUS PROVEN	8
WUP		ON WHEN WARM-UP MODE ACTIVE	3
CDN		ON WHEN COOL-DOWN MODE ACTIVE	2
MAGO		ON WHEN OA CONDITIONS ALLOW ECONOMIZER CONTROL	2
TEMP		VARIABLE VALUE OF ZONE TEMPERATURE	5
SAT		VARIABLE VALUE OF SUPPLY AIR TEMPERATURE	2
SASP		VARIABLE CALCULATED VALUE OF PRIMARY DISCHARGE TEMPERATURE SETPT	2
DASP		VARIABLE CALCULATED VALUE OF DISCHARGE TEMPERATURE SETPOINT	3
HSP		VARIABLE CALCULATED VALUE OF ZONE HEATING SETPOINT	2
CSP		VARIABLE CALCULATED VALUE OF ZONE COOLING SETPOINT	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

AHU CV WITH
 RETURN FAN
 (LOGIC)

08 OF 30
 SHEET NUMBER

C-1.2b

DWG NUMBER