

EAST CENTRAL COLLEGE - HANSEN HALL - LEVEL 300/400 RENOVATIONS																																	
	Hardware															Software										Remarks							
System Location	Outputs					Inputs																											
	Digital		Analog			Digital					Analog																						
EXISTING AHU-1	Start/Stop	Open/Close			4-20 mA / 0-10 V	Fan Spd Drive	Vane Actuators	Water Level	Pressure Switch	Flow Switch	Alarm Status	Status	Differential Pressure	Temperature	Air Flow (cfm)	Static Press	Rel Humidity	CO2	Proportional	P - Integral	P - I Derivative	Hi/Lo Alarm	Timed S/S	Optimum S/S	Duty Cycle	Economizer	Night Cycle	Demand	CFM Calc	Alarm	Load Reset		
SUPPLY FAN	●					●						●																		●		VARIABLE FREQUENCY DRIVE	
COOLING	●																																
S.A. TEMP														●																	●		
M.A. TEMP														●																	●		
R.A. TEMP														●																			
O.A. TEMP														●																			
O.A. HUMIDITY																	●																
O. A. DAMPER					●																												
RETURN DAMPER					●																												
RELIEF DAMPER					●							●																			●		
FREEZE STAT											●																				●		
CO2 SENSOR																		●													●		
DIFFERENTIAL PRESSURE													●																		●		DIRTY FILTER INDICATOR
HIGH STAT. PRESS. SWITCH									●																						●		HARD WIRED SAFETY SWITCH
DUCT STATIC PRESSURE																●																	
BLDG DIFF. PRESSURE													●																		●		

NOTE: EACH UNIT IS EQUIPPED WITH TWO SUPPLY FANS CONTROLLED BY A SINGLE VFD AND TWO RELIEF FANS CONTROLLED BY A SINGLE VFD.

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		Hardware												Software									
System Location	Outputs						Inputs						Remarks										
	Digital			Analog			Digital			Analog													
AIR TERMINAL BOXES & REHEAT COILS							Start/Stop																
							Open/Close																
							Network Comm.																
							4-20 mA / 0-10 V																
							Fan Spd Drive																
							Vane Actuators																
							Water Level																
							Occupied/Unocc.																
							Flow Switch																
							Alarm Status																
							Status																
							CFM																
						Temperature																	
						Static Press																	
						Rel Humidity																	
						Pressure (Vel)																	
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ROOM SENSOR																							
DAMPER CONTROL																							
HEATING COIL																							
SUPPLY AIR																							
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