

FEC CONTROLLER - FIELD CHECKOUT							FILE NAME:		
JOB NAME: Chews Elementary School				NAE#:		REF DWG			
CONTRACT NO:		9N30-0104		MSTP TRUNK:		No.			
LOCATION:		GYM		MSTP ADDR:		17		BACNET ADDR: 5017	
CHECKOUT INFORMATION:									
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE TYPE	CHK	FIELD DEVICE TYPE	CHK	LOOP CHECK	SET POINT	PROP BAND	REMARKS
UI IN-1	Discharge Air Temp			TE-631JM-1	X				Note 1
UI IN-2	Mixed Air Temp			TE-631JM-1	X				Note 2
UI IN-3	Return Air Temp			TE-631JM-1	X				Note 3
UI IN-4	Return Air CO2			CD-1000-00-00	X				Note 4
UI IN-5	Exhaust Fan 1 Status			CSD-CFOAO-1	X				Note 5
UI IN-6	Exhaust Fan 2 Status			CSD-CFOAO-1	X				Note 5
BI IN-7	Supply Fan Status			CSD-CFOAO-1	X				Note 5 & 14
BI IN-8	Low Temp Alarm	RIBMNLB-6	X	Honeywell -L480 E	X				Note 6
BO OUT-1	Supply Fan Command	Rib Relay	X						Note 7 & 14
BO OUT-2	Exhaust Air Damper 1 Command			M9208-BGA-3	X				Note 12
BO OUT-3	Exhaust Air Damper 2 Command			M9208-BGA-3	X				Note 13
CO OUT-4	Exhaust Fan 1 Command	Rib Relay	X						Note 8
CO OUT-5	Exhaust Fan 2 Command	Rib Relay	X						Note 9
CO OUT-6									
CO OUT-7									
AO OUT-8	Mixed Air Damper Output			M9208-GGA-3 (3)	X				Note 10
AO OUT-9	Heating Output								Note 11
() SYSTEM COMPLETELY FUNCTIONING ON:							(DATE)		
() SOFTWARE FILES SAVED ON:							(DATE)		
() POINTS SOFTWARE MAPPED ON:							(DATE)		
TIME SPENT COMMISSIONING SYSTEM:									
NOTES:									
1 Opened wire at device to test. Read ??? Put wire back . Read 83degs in CCT. HJMcC - 9/4/19									
2 Opened wire at device to test. Read ??? Put wire back . Read 84degs in CCT. HJMcC - 9/4/19									
3 Opened wire at device to test. Read ??? Put wire back . Read 83degs in CCT. HJMcC - 9/4/19									
4 Reading 534PPM in CCT - HJMcC - 9/4/19									
5 Will need to trace wiring . Override command. Status did not read. HJMcC - 9/4/19									
6 This is an Exsiting device. Opened wire at device to test. Unit shut down. Read Alarm in CCT. Will need to go back to. Program needs to be adjusted. HJMcC - 9/4/19									
7 Had to switch wiring at Rib Relay. Override command ON. Unit started. Status read OFF. Will need to trace wiring of the status device. HJMcC - 9/4/19									
8 Had to switch wiring at Rib Relay. Override command ON. Unit did not start. Found bad fuse in MCC. HJMcC - 9/4/19									
9 Had to switch wiring at Rib Relay. Override command ON. Unit did not start. Found bad fuse in MCC. HJMcC - 9/4/19									
10 Override output 0% / 50% / 100%- Saw all 3 actuators move the right way. HJMcC - 9/4/19									
11 Did not see a valve or actuator- HJMcC - 9/4/19									
12 Override damper command ON. Actuator and damper Opened. Read Opened for status. Reased override. Actuator/Damper closed. Read Closed for damper status. HJMcC - 9/4/19									
13 Override damper command ON. Actuator and damper Opened. Read Opened for status. Reased override. Actuator/Damper closed. Read Closed for damper status. HJMcC - 9/4/19									
14 Override Fan Command ON. Unit started. Read ON status in CCT. Released override. Unit shut down. Read OFF status in CCT. HJMcC - AZ - 9/5/19									
SIGNATURES:									
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LOCATION: GYM				MSTP ADDR: 4					
CHECKOUT INFORMATION:									
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE		FIELD DEVICE		LOOP	SET	PROP	REMARKS
		TYPE	CHK	TYPE	CHK	CHECK	POINT	BAND	
UI IN-1	Exhaust Air Damper 1 End Switch			M9208-BGA-3	X				Note 1
UI IN-2	Exhaust Air Damper 2 End Switch			M9208-BGA-3	X				Note 2
UI IN-3									
UI IN-4									
UI IN-5									
UI IN-6									
BI IN-7	Discharge Air Smoke Detector								Note 3 & 4
BI IN-8	Return Air Smoke Detector	RIBMNLB-6	X						Note 3 & 4
BO OUT-1									
BO OUT-2									
BO OUT-3									
CO OUT-4									
CO OUT-5									
CO OUT-6									
CO OUT-7									
AO OUT-1									
AO OUT-2									
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3 Wiring is not complete at this time. HJMcC - 9/4/19									
4 Smoke Detectors. There is no supply point that can be landed on the device itself. The return we had to switch the wires that where landed on the Rib									
There are 2 return smoke heads. We put them in series. Removed 1 wire from the return smoke head device. Read Alarm in CCT. The unit did not shut down									
The programming will need to be checked. And we should add a relay in the MCC to shut down the unit. HJMcC - AZ - 9/5/19									
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		TYPE	CHK	TYPE	CHK				
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UI IN-2	Mixed Air Temp			TE-631JM-1	X				Note 2
UI IN-3	Return Air Temp			TE-631JM-1	X				Note 3
UI IN-4	Return Air CO2			CD-1000-00-00	X				Note 4
UI IN-5	Exhaust Fan 3 Status			CSD-CFOAO-1	X				Note 5 & 14
UI IN-6	Exhaust Fan 4 Status			CSD-CFOAO-1	X				Note 5 & 14
BI IN-7	Supply Fan Status			CSD-CFOAO-1	X				Note 5 & 15
BI IN-8	Low Temp Alarm	RIBMNLB-6	X	Honeywell -L480 Exsiting	X				Note 6
BO OUT-1	Supply Fan Command	Rib Relay	X						Note 7 & 15
BO OUT-2	Exhaust Air Damper 3 Command			M9208-BGA-3	X				Note 12
BO OUT-3	Exhaust Air Damper 4 Command			M9208-BGA-3	X				Note 13
CO OUT-4	Exhaust Fan 3 Command	Rib Relay	X						Note 8 & 16
CO OUT-5	Exhaust Fan 4 Command	Rib Relay	X						Note 9 & 17
CO OUT-6									
CO OUT-7									
AO OUT-8	Mixed Air Damper Output			M9208-GGA-3 (3)	X				Note 10
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14 Lights on rib relay stays on all the time. Will need to look into this. Lift was removed from the school. Will need to get it back. HJMcC 9/4/19									
15 Had to switch UI IN-6 and BI IN-7- Override fan command ON. Unit started. Status Read ON in CCT. Released override. Unit stopped. Read OFF in CCT. HJMcC - AZ - 9/5/19									
16 Override EF-3 command ON/OFF. Light on Rib Relay went ON/OFF with command. Still has blown fuses. HJMcC - AZ - 9/5/19									
17 Override EF-4 command ON/OFF. Light on Rib Relay went ON/OFF with command. Still has blown fuses. HJMcC - AZ - 9/5/19									
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UI IN-2	Exhaust Air Damper 2 End Switch			M9208-BGA-3	X				Note 2
UI IN-3									
UI IN-4									
UI IN-5									
UI IN-6									
BI IN-7	Discharge Air Smoke Detector								Note 3 & 4
BI IN-8	Return Air Smoke Detector	RIBMNLB-6	X						Note 3 & 4
BO OUT-1									
BO OUT-2									
BO OUT-3									
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