

FEC CONTROLLER - FIELD CHECKOUT					FILE NAME:		
JOB NAME: Blackwood Elemenary School			NAE#:		REF DWG		
CONTRACT NO: 9N30-0131			MSTP TRUNK:		No.		
LOCATION:			MSTP ADDR: 13		BACNET ADDR: 5648		
CHECKOUT INFORMATION:							
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE TYPE	FIELD DEVICE TYPE	LOOP CHK	SET POINT	PROP BAND	REMARKS
UI IN-1	Discharge Air Temp		TE611M-1	X			Note 4
UI IN-2	Mixed Air Temp		TE6315M-1	X			Note 1
UI IN-3	Return Air Temp		TE6311M-1	X			Note 2
UI IN-4	Return Air C02		CD-P1000-00-00	X			Note 3
UI IN-5	Exhaust Fan 3 Status		CSD-CFOAO-1	X			Note 5
UI IN-6	Exhaust Fan 4 Status		CSD-CFOAO-1	X			Note 6
BI IN-7	Supply Fan Status		CSD-CFOAO-1	X			Note 7
BI IN-8	Low Temp Alarm		A70GA-1				Note 8
BO OUT-1	Supply Fan Command	Rib Relay (2)	X				Note 7
BO OUT-2	Exhaust Air Damper 1 Command		M9208-BAC-3	X			Note 11
BO OUT-3	Exhaust Air Damper 2 Command		M9208-BAC-3	X			Note 12
CO OUT-4	Exhaust Fan 3 Command	Rib Relay	X				Note 5
CO OUT-5	Exhaust Fan 4 Command	Rib Relay	X				Note 6
CO OUT-6							
CO OUT-7							
AO OUT-8	Mixed Air Damper Output		M9220-GGA-3 (3)	X			Note 10
AO OUT-9	Reheat Output						Note 9
() 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 ??? In CCT. Put wire back together. Read 78Degs in CCT. HJMcC - 6/24/20							
2 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 80Degs in CCT. HJMcC - 6/24/20							
3 Opened wire in device to test. ad ??? In CCT. Put wire back. Read 403PPM in CCT. HJMcC - 6/24/20							
4 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 80Degs in CCT. HJMcC - 6/24/20							
5 Override Command ON. Fan came ON. Read ON for Status in CCT. Released override. Fan shut OFF. Read OFF for Status in CCT. HJMcC - 6/24/20							
6 Override Command ON. Fan didn't come ON. Needs to be looked into HJMcC - 6/24/20							
7 Override Command ON. Fan came ON. Read ON for Status in CCT. Released override. Fan shut OFF. Read OFF for Status in CCT. HJMcC - 6/24/20							
8 Took wire OFF of device to test. Read ALARM. Fan Shut OFF. MA-D went to 0%. Heating went to 100%. Exhaust went to 0%. HJMcC - 6/24/20							
9 There is no Heating Actuator. - HJMcC - 6/24/20							
10 Override output 0% - 50% - 100%- Damper/Actuator where going the wrong way. Took Actuator OFF. Turned it around. Re-installed it. Damper was Opened at 0%. Override output 0% 50% - 100%. At 100% Return Damper was Closed. Outside Air Damper was Opened. Has to switch all 3- HJMcC - 6/24/20							
11 Actuator was installed the wrong way. Had to take it OFF. Turn it around. Re-install it. Override Command to Opened. Saw Damper go Opened. Read Opened in CCT. For Status. Released override. Damper/Actuator went Closed. Read Closed in CCT. HJMcC - 6/24/20							
12 Actuator was installed the wrong way. Had to take it OFF. Turn it around. Re-install it. Override Command to Opened. Saw Damper go Opened. Read Opened in CCT. For Status. Released override. Damper/Actuator went Closed. Read Closed in CCT. HJMcC - 6/24/20							
SIGNATURES:							
DATE:							

[illegible]

FEC CONTROLLER - FIELD CHECKOUT					FILE NAME:		
JOB NAME: Blackwood Elemenary School			NAE#:	REF DWG			
CONTRACT NO: 9N30-0131			MSTP TRUNK:	No.			
LOCATION:			MSTP ADDR: 12	BACNET ADDR: 5647			
CHECKOUT INFORMATION:							
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE TYPE	FIELD DEVICE TYPE	LOOP CHECK	SET POINT	PROP BAND	REMARKS
UI IN-1	Discharge Air Temp		TE611M-1	X			Note 5
UI IN-2	Mixed Air Temp		TE6315M-1	X			Note 4
UI IN-3	Return Air Temp		TE6311M-1	X			Note 1
UI IN-4	Return Air C02		CD-P1000-00-00	X			Note 6
UI IN-5	Exhaust Fan 1 Status		CSD-CFOAO-1	X			Note 7
UI IN-6	Exhaust Fan 2 Status		CSD-CFOAO-1	X			Note 8
BI IN-7	Supply Fan Status		CSD-CFOAO-1	X			Note 2
BI IN-8	Low Temp Alarm		A70GA-1	X			Note 3
BO OUT-1	Supply Fan Command	Rib Relay (2)	X				Note 2
BO OUT-2	Exhaust Air Damper 1 Command		M9208-BAC-3	X			Note 9
BO OUT-3	Exhaust Air Damper 2 Command		M9208-BAC-3	X			Note 10
CO OUT-4	Exhaust Fan 1 Command	Rib Relay	X				Note 7
CO OUT-5	Exhaust Fan 2 Command	Rib Relay	X				Note 8
CO OUT-6							
CO OUT-7							
AO OUT-8	Mixed Air Damper Output		M9220-GGA-3 (3)	X			Note 11
AO OUT-9	Reheat Output						Note 12
() SYSTEM COMPLETELY COMMISSIONING 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 ??? In CCT. Put wire back together. Read 81Degs in CCT. HJMcC - 6/23/20							
2 Override Command ON. Fan came ON. Read ON for Status In CCT. Released override. Fan shut OFF. Read OFF for Status In CCT. HJMcC - 6/23/20							
3 Took wire OFF of device to test. Read ALARM. Fan Shut OFF.MA-D went to 0%. Heating went to 100%. Exhaust went to 0%. HJMcC - 6/23/20							
4 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 83Degs in CCT. HJMcC - 6/23/20							
5 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 85Degs in CCT. HJMcC - 6/23/20							
6 Opened wire in device to test.ad ??? In CCT. Put wire back. Read 405PPM in CCT. HJMcC - 6/23/20							
7 Override Command ON. Fan came ON. Read ON for Status in CCT. Released override. Fan shut OFF. Read OFF for Status in CCT. HJMcC - 6/23/20							
8 Override Command ON. Fan came ON. Read ON for Status In CCT.Ran for 2Mins. Tripped OFF.Read OFF in CCT. Needs to be looked into HJMcC - 6/23/20							
9 Had to switch Actuators direction, also they had the Mixed Air Damper and Exhaust Air Damper Wiring switched. Had to switch them. Override Command to Opened. Saw Damper move Opened. Read Opened in CCT. There was no marking on shaft. Had to drill hole to make sure it was going the right way (It was). Released override. Damper/Actuator Closed. Read Closed In CCT- HJMcC - 6/23/20							
10 Had to switch Actuators direction.Override Command to Opened. Saw Damper/Actuator Open.Read Opened in CCT. Released override. Saw Damper/ Actuator Go Closed. Read Closed in CCT. HJMcC - 6/23/20							
11 Override Output 0% - 50% - 100%. Actuator/Damper didn't move. Found Exhaust Damper-1 and Mixed Air Damper wiring switched. Fixed that. Override Output 0% - 50% - 100%. Saw Damper/Actuator move. HJMcC - 6/23/20							
12 There is no Heating Actuator. - HJMcC - 6/23/20							
SIGNATURES:							
DATE:							

IOM CONTROLLER - FIELD CHECKOUT					
JOB NAME:	Blackwood Elemenary School		NAE#:	MSTP TRUNK:	REF DWG No.
CONTRACT NO:	9N30-0131		MSTP ADDR:	4	
LOCATION:					
CHECKOUT INFORMATION:					
HWD POINT	SYS/OBJ NAME	INTERM. DEVICE TYPE	FIELD DEVICE TYPE	LOOP SET PROP	CHECK POINT BAND REMARKS
UI IN-1	Exhaust Air Damper 1 Status		M9208-BAC-3	X	Note 1
UI IN-2	Exhaust Air Damper 2 Status		M9208-BAC-3	X	Note 2
UI IN-3					
UI IN-4					
UI IN-5					
UI IN-6					
BI IN-7	Discharge Air Smoke Alarm				Note 3
BI IN-8	Return Air Smoke Alarm				Note 3
BO OUT-1					
BO OUT-2					
BO OUT-3					
CO OUT-4					
CO OUT-5					
CO OUT-6					
CO OUT-7					
AO OUT-8					
AO OUT-9					
() SYSTEM COMPLETELY FUNCTIONING ON:					(DATE)
() SOFTWARE FILES SAVED ON:					(DATE)
() POINTS SOFTWARE MAPPED ON:					(DATE)
TIME SPENT COMMISSIONING SYSTEM:					
NOTES:					
1 Had to switch Actuators direction, also they had the Mixed Air Damper and Exhaust Air Damper Wiring switched. Had to switch them. Override Command to Opened. Saw Damper move Opened. Read Opened in CCT. There was no marking on shaft. Had to drill hole to make sure it was going the right way (It was). Released override. Damper/Actuator Closed. Read Closed in CCT- HJMcC - 6/23/20					
2 Had to switch Actuators direction.Override Command to Opened. Saw Damper/Actuator Open.Read Opened in CCT. Released override. Saw Damper/ Actuator Go Closed. Read Closed in CCT. HJMcC - 6/23/20					
3 These will need to be tested. HJMcC - 6/16/20					
SIGNATURES:					
DATE:					