

FAC. CONTROLLER - FIELD CHECKOUT							FILE NAME:	
JOB NAME: Loring-Flemming Elementary School			NAE#:		REF DWG			
CONTRACT NO: 9N30-0104			MSTP TRUNK:		No.			
LOCATION: Boiler Room			MSTP ADDR: 4		BACNET ADDR: 5004			
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	Outside Air Temp							Note 1
UI IN-2	Radiant Pump Hot Water Supply Temp.(HWS3-T)			TE-631AM-2	X			Note 2
UI IN-3	Radiant Pump Hot Water Return Temp.(HWR3-T)			TE-631AM-2	X			Note 3
UI IN-4								
UI IN-5	Radiant Hot Water Pump1 Status							Note 8 & 9
UI IN-6	Radiant Hot Water Pump2 Status							Note 8 & 9
BI IN-7	Boiler 1 Status	Rib Relay	X					Note 5
BI IN-8								
BO OUT-1	Boiler 1 Enable	Rib Relay	X					Note 4
BO OUT-2	Boiler 2 Enable	Rib Relay	X					Note 12
BO OUT-3	Hot Water Pump 1 Command	Rib Relay	X					Note 8 & 9
CO OUT-4	Hot Water Pump 2 Command	Rib Relay	X					Note 8 & 9
CO OUT-5	Combustion Damper Command							Note 6
CO OUT-6								
CO OUT-7	Boiler 2 Setpoint Output							Note 7
AO OUT-8	Zone 1 Mixing Valve Output			Bray -GASEX24-450	X			Note 10
AO OUT-9	Zone 2 Mixing Valve Output			Bray -GASEX24-450	X			Note 11
() SYSTEM COMPLETELY FUNCTIONING ON:						(DATE)		
() SOFTWARE FILES SAVED ON:						(DATE)		
() POINTS SOFTWARE MAPPED ON:						(DATE)		
TIME SPENT COMMISSIONING SYSTEM:								
NOTES:								
1 Read 37 degs in CCT. HJMcC - 1/29/20								
2 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 154degs in CCT. HJMcC - 1/29/20								
3 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 154degs In CCT. This is NOT the return piping. It is on the entering side of the pumps. It's the same reading. Thisn will have to be looked into. HJMcC - 1/29/20								
4 Override command ON. Light on Rib Relay Went ON. Boiler is OFF for Now. Needs a Valve/Actuator installed for when it is not in use.Gas Valves and Supply Water Valves are Closed. Released override. Light on Rib Relay went OFF. HJMcC - 1/29/20								
5 Jumped out to test. Read ON in CCT. Put wires back. Read OFF in CCT. HJMcC - 1/29/20								
6 No wires are landed for these points. HJMcC - 1/29/20								
7 Setpoint was reading 150degs in CCT. Read on Boiler display 150degs. Override output to 140degs in CCT. Read 145degs On the boiler display. HJMcC - 1/29/20								
8 Pump 2 was running-The Rib Relay light was ON. Read ON for Status in CCT. Override Pump 1 ON. The Rib Relay light went ON Read ON for Status in CCT. Override Pump 2 OFF. Rib Relay light went OFF. Read OFF for Status in CCT.Released all Overrides. Pump 2 stayed running. HJMcC - 1/29/20								
9 With Pump 2 running. I put the HOA switch in OFF. Shutting down the Pump. After 1 min. Pump 1 switched ON. HJMcC - 1/29/20								
10 Override output 0% - 50% - 100%. Could not get actuator to move. Checked web site to moke sure it's wired right. Looks good. Will need to reach out to the manufacture. HJMcC - 1/29/20								
11 Override output 0% - 50% - 100%. Could not get actuator to move. Checked web site to moke sure it's wired right. Looks good. Will need to reach out to the manufacture. HJMcC - 1/29/20								
12 The boiler was running. Override the command OFF. Saw the Rib Relay light go OFF. Boiler displace read OFF. Released override. Rib Relay Light came back ON. Boiler display read ON. HJMcC - 1/29/20								
SIGNATURES:						DATE:		

IOM CONTROLLER - FIELD CHECKOUT							FILE NAME:		
JOB NAME: Loring-Flemming Elementary School				NAE#:		REF DWG			
CONTRACT NO: 9N30-0104				MSTP TRUNK:		No.			
LOCATION: Boiler Room				SA Bus ADDR: 4					
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	Zone 2 Hot Water Supply Temp			TE-631AM-2	X				Note 1
UI IN-2	Zone 2 Hot Water Return Temp			TE-631AM-2	X				Note 2
UI IN-3	Zone 1 Hot Water Supply Temp			TE-631AM-2	X				Note 3
UI IN-4	Zone 1 Hot Water Return Temp			TE-631AM-2	X				Note 4
UI IN-5	All Purpose Room Temp								Note 5
UI IN-6	Library Room Temp								Note 5
BI IN-7	Boiler 1 Alarm	Rib Relay	X						Note 6
BI IN-8	Boiler 2 Alarm								Note 9
BO OUT-1	All Purpose Room OCC Command								Note 5
BO OUT-2	Library OCC Command								Note 5
BO OUT-3	B & C OCC Command								Note 5
CO OUT-4	A11-A14 OCC Command								Note 5
CO OUT-5	A1-A9 OCC Command								Note 5
CO OUT-6	Kindergarten OCC Command								Note 5
CO OUT-7	Nurse Office OCC Command								Note 5
AO OUT-8	Zone 1 Hot Water Bypass Valve Output			VA9208-GGA-2	X				Note 7
AO OUT-9	Zone 2 Hot Water Bypass Valve Output			VA9208-GGA-2	X				Note 8
() 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 156degs in CCT. Piping is NOT Clearly marked. Should have Zone or Location and Supply and Return. HJMcC - 1/29/20									
2 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 152degs in CCT. Piping is NOT Clearly marked. Should have Zone or Location and Supply and Return. HJMcC - 1/29/20									
3 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 154degs in CCT. Piping is NOT Clearly marked. Should have Zone or Location and Supply and Return. HJMcC - 1/29/20									
4 Opened wire at device to test. Read ??? In CCT. Put wire back together. Read 148degs in CCT. Piping is NOT Clearly marked. Should have Zone or Location and Supply and Return. HJMcC - 1/29/20									
5 No wires are landed for these points. HJMcC - 1/29/20									
6 Jumped out to test. Read Alarm in CCT. Put wires back. Read Normal in CCT. HJMcC - 1/29/20									
7 Output was at 0%. Looked at Valve/Actuator it was closed. Override output to 50%. Saw Actuator move to about 50% Open Override output to 100%. Saw Actuator open all the way. HJMcC 1/29/20									
8 Output was at 0%. Looked at Valve/Actuator it was closed. Override output to 50%. Saw Actuator move to about 50% Open Override output to 100%. Saw Actuator open all the way. HJMcC 1/29/20									
9 Not sure of how to put the boiler into an Alarm. Will need help from boiler manufacture.									
SIGNATURES:									
DATE:									