

NCE CONTROLLER - FIELD CHECKOUT										FILE NAME:	
JOB NAME: Gleen Landing School				NAE#:		REF DWG					
CONTRACT NO:				9N30-0131		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 5		
UI IN-2	Zone 1 Hot Water Supply Temp (East Pumps) (Pump 4A & B)			TE-631AM-2	X				Note 7		
UI IN-3	Zone 3 Hot Water Supply Temp (Pump 2A & B)			TE-631AM-2	X				Note 8		
UI IN-4	Zone 2 Hot Water Supply Temp (West Pumps) (Pump 3A & B)			TE-631AM-2	X				Note 9		
UI IN-5	Zone 1 Hot Water Return Temp (East Pumps) (Pump 4A & B)			TE-631AM-2	X				Note 10		
UI IN-6	Zone 3 Hot Water Return Temp (Pump 2A & B)			TE-631AM-2	X				Note 11		
UI IN-7	Zone 2 Hot Water Return Temp (West Pumps) (Pump 3A & B)			TE-631AM-2	X				Note 12		
UI IN-8	Boiler Pump 1 Status			Exsiting CT	X				Note 13		
UI IN-9	Boiler Pump 2 Status			Exsiting CT	X				Note 14		
UI IN-10											
BI IN-11	Boiler 1 Status			Exsiting CT	X				Note 15		
BI IN-12	Boiler 2 Status			Exsiting CT	X				Note 16		
BI IN-13	Combustion Damper 1 End Switch								Note 6		
BI IN-14											
BI IN-15	Hot Water Pump 2A Status			Hawkeyes 800	X				Note 1		
BI IN-16	Hot Water Pump 2B Status			Hawkeyes 800	X				Note 2		
BI IN-17	Hot Water Pump 3A Status			Hawkeyes 800	X				Note 3		
BI IN-18	Hot Water Pump 3B Status			Hawkeyes 800	X				Note 4		
BO OUT-1	Boiler 1 Enable	Rib Relay	X						Note 15		
BO OUT-2	Boiler 2 Enable	Rib Relay	X						Note 16		
BO OUT-3	Combustion Damper 1 Command			M9220-BGC-3	X				Note 6		
BO OUT-4											
BO OUT-5	Hot Water Pump 2A Command	Rib Relay	X						Note 1		
BO OUT-6	Hot Water Pump 2B Command	Rib Relay	X						Note 2		
BO OUT-7	Hot Water Pump 3A Command	Rib Relay	X						Note 3		
CO OUT-8	Hot Water Pump 3B Command	Rib Relay	X						Note 4		
CO OUT-9	Boiler Pump 1 Command	Rib Relay	X						Note 13		
CO OUT-10	Boiler Pump 2 Command	Rib Relay	X						Note 14		
CO OUT-11	Zone 2 Hot Water Pump Bypass										
AO OUT-12	Boiler 1 Setpoint Output										
AO OUT-13	Zone 1 Mixing Valve Output										
AO OUT-14	Zone 3 Mixing Valve Output										
AO OUT-15	Zone 2 Mixing Valve Output										
() SYSTEM COMPLETELY FUNCTIONING ON:										(DATE)	
() HVAC PRO FILES ON:										(DATE)	
() POINTS SOFTWARE MAPPED ON:										(DATE)	
TIME SPENT COMMISSIONING SYSTEM:											
NOTES:											
1 Override pump command ON. Status read ON in CCT. Override Output to 50%. Read 30HZ on the VFD display. Override the output to 100%. Read 60HZ on the VFD display. Released the override. HJMCC - 12/18/19											
2 Override pump command ON. Status read ON in CCT. Override Output to 50%. Read 30HZ on the VFD display. Override the output to 100%. Read 60HZ on the VFD display. Released the override. HJMCC - 12/18/19											
3 Override pump command ON. Status read ON in CCT. Override Output to 50%. Read 30HZ on the VFD display. Override the output to 100%. Read 60HZ on the VFD display. Released the override. HJMCC - 12/18/19											
4 Override pump command ON. Status read ON in CCT. Override Output to 50%. Read 30HZ on the VFD display. Override the output to 100%. Read 60HZ on the VFD display. Released the override. HJMCC - 12/18/19											
5 Reading 41degs. Checked with weather on phone. Vineland was showing 43degs. HJMCC - 12/18/19											
6 Override command to Open. Saw dampers open. Read Open in CCT. Released override. Dampers Closed. Saw dampers Close. Read Colsed in CCT. HJMCC - 1/2/20											
7 Opened wire at device to test. Read ??? in CCT. Put wire back together. Read 165degs in CCT- HJMCC - 1/2/20											
8 Opened wire at device to test. Read ??? in CCT. Put wire back together. Read 161degs in CCT- HJMCC - 1/2/20											
9 Opened wire at device to test. Read ??? in CCT. Put wire back together. Read 160degs in CCT- HJMCC - 1/2/20											
10 Opened wire at device to test. Read ??? in CCT. Put wire back together. Read 146degs in CCT- HJMCC - 1/2/20											
11 Opened wire at device to test. Read ??? in CCT. Put wire back together. Read 144degs in CCT- HJMCC - 1/2/20											
12 Opened wire at device to test. Read ??? in CCT. Put wire back together. Read 144degs in CCT- HJMCC - 1/2/20											
13 Override command ON. Heard pump motor start. Read ON in CCT. Released the override. Heard pump motor go OFF. Read OFF in CCT- HJMCC - 1/2/20											
14 Override command ON. Heard pump motor start. Read ON in CCT. Released the override. Heard pump motor go OFF. Read OFF in CCT- HJMCC - 1/2/20											
15 Override command ON. Heard boiler startup. Read ON for boiler status in CCT. Released override. Heard boiler shut OFF. Read OFF for boiler status in CCT. HJMCC - 1/2/20											
16 Override command ON. Heard boiler startup. Read ON for boiler status in CCT. Released override. Heard boiler shut OFF. Read OFF for boiler status in CCT. HJMCC - 1/2/20											
SIGNATURES:											
DATE:											

IOM CONTROLLER - FIELD CHECKOUT						FILE NAME:			
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CONTRACT NO:			MSTP TRUNK:		No.				
LOCATION: 9N30-0131 Boiler Room			MSTP ADDR:		BACNET ADDR:				
CHECKOUT INFORMATION:									
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE		FIELD DEVICE		LOOP	SET POINT	PROP BAND	REMARKS
		TYPE	CHK	TYPE	CHK	CHECK			
UI IN-1	Boiler 1 Alarm								
UI IN-2	Boiler 2 Alarm								
UI IN-3	Pump 2 A & B Differenyal Pressure			Exsiting Device PR-282-4-4-B-1-2-E	X				Note 3 & 6
UI IN-4	Pump 3 A & B Differenyal Pressure			Exsiting Device PR-282-4-4-B-1-2-E	X				Note 4 & 7
UI IN-5	Pump 4 A & B Differenyal Pressure			Exsiting Device PR-282-4-4-B-1-2-E	X				Note 5 & 8
UI IN-6									
BI IN-7	Hot Water Pump 4A Status			Hawkeye 800	X				Note 2
BI IN-8	Hot Water Pump 4B Status			Hawkeye 800	X				Note 1
BO OUT-1	Hot Water Pump 4A Command	Rib Relay	X						Note 2
BO OUT-2	Hot Water Pump 4B Command	Rib Relay	X						Note 1
BO OUT-3									
CO OUT-4									
CO OUT-5									
CO OUT-6									
CO OUT-7									
AO OUT-1	Hot Water Pump 4A Output			Danfoss VFD	X				Note 2
AO OUT-2	Hot Water Pump 4B Output			Danfoss VFD	X				Note 1
() SYSTEM COMPLETELY FUNCTIONING ON:								(DATE)	
() SOFTWARE FILES SAVED ON:								(DATE)	
() POINTS SOFTWARE MAPPED ON:								(DATE)	
TIME SPENT COMMISSIONING SYSTEM:									
NOTES:									
1 VFD disconnect switch is OFF. Was told bearing are going on the pump. HJMcC - 12/18/19									
2 Override pump command ON. Status read ON in CCT. Override Output to 50%. Read 30HZ on the VFD display. Override the output to 100%. Read 60HZ on the VFD display. Released the override. HJMcC - 12/18/19									
3 Added point to program. Traced wires. Added to IOM. Read 22PSI in CCT. Went to device. Took wire off of the device to test Read ??? In CCT. Put wire back on device. Read 22PSI. HJMcC - 1/2/20									
4 Added point to program. Traced wires. Added to IOM. Read 14PSI in CCT. Went to device. Took wire off of the device to test Read ??? In CCT. Put wire back on device. Read 14PSI. HJMcC - 1/2/20									
5 Added point to program. Traced wires. Added to IOM. Read 17PSI in CCT. Went to device. Took wire off of the device to test Read ??? In CCT. Put wire back on device. Read 17PSI. HJMcC - 1/2/20									
6 Override output 25%-Read 6.1PSI -50%-Read 11.2PSI -75%-Read 21.3PSI - 100%-Read 36PSI in CCT. HJMcC - 1/2/20									
7 Override output 25%-Read 3.3PSI -50%-Read 6.7PSI -75%-Read 13.8PSI- 100%-Read 26.4PSI in CCT. HJMcC - 1/2/20									
8 Override output 25%-Read 6.4PSI -50%-Read 9.2PSI -75%-Read 14.8PSI - 100%-Read 21PSI in CCT. HJMcC - 1/2/20									
SIGNATURES:									
DATE:									

