

FAC CONTROLLER - FIELD CHECKOUT						FILE NAME: BES-HWS		
JOB NAME: Gloucester Schools			NAE #01		REF DWG BES-HWS-1-3			
CONTRACT NO: 9N30-0131			TRUNK: 1 BES-HWS		No.			
LOCATION: Blackwood			FC- ADDR: 5		BacNet Address 5005			
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	Outdoor Air Temperature	TE-6313P-1	x					Note 1
UI IN-2	HW Differential Pressure 1	DPT2301-050D-V	x					Note 2
UI IN-3	HW Supply Temperature	TE-631AN-2						Note 3
UI IN-4	HW Return Temperature	TE-631AN-2	x					Note 4
UI IN-5	HW Pump 1 Status	Internally located on pump	x					Note 5
UI IN-6	HW Pump 2 Status	Internally located on pump	x					Note 6
BI IN-7								
BI IN-8								
BO OUT-1	Boiler Enable		x	RIBU1S				Note 7
BO OUT-2								
BO OUT-3	HW Pump 1-Command		x	RIBU1S				Note 8
CO OUT-4	HW Pump 2- Command		x	RIBU1S				Note 8
CO OUT-5	Hot Water Pump 1- Output		x					Note 9
CO OUT-6	Hot Water Pump 2- Output		x					Note 9
CO OUT-7								
AO OUT-8	Boiler Set point- Output		x					Note 10
AO OUT-9	Zone 1 Mixing Valve- Output	GA24-562	x					Note 11
() SYSTEM COMPLETELY FUNCTIONING ON:							(DATE)	
() POINTS SOFTWARE MAPPED ON:							(DATE)	
TIME SPENT COMMISSIONING SYSTEM:								
NOTES:								
#1	O/A sensor reads 39.9°, verified with handheld measurement device reading 40°							
#2	DP 1 and 2 responded to drop in pump test, verified physical installation							
#3	Removed 1 wire on sensor, "HWS-T" in program showed unreliable, re-connected wire and point became reliable again							
#4	Removed 1 wire on sensor, "HWR-T" in program showed unreliable, re-connected wire and point became reliable again							
#5	During hw pump 1 command test, when shut off rib indication light went out, and status for HWP1-S showed off, on when commanded back on							
#6	During hw pump 2 command test, when shut off rib indication light went out, and status for HWP2-S showed off, on when commanded back on							
#7	Sent operator over-ride "off" command, rib light went out, release override and light re-illuminated							
#8	Sent over-ride "off" command to pump 1 and it shut off, pump 2 came on, sent off command to pump 2 and it shut off. DP dropped to 0 psi							
#9	0% command 0 feet of head .2psi DP 50 % command 9.9 feet of head 1.5 psi 100% command- 43 feet of head pressure 4.6psi							
#10	Observed boiler setpoint on display and in program, reading 149 on both, changed setpoint to 145°, changed showed accurately on both. Restored original value after.							
#11	Valve responded to incremental changes of value from 0%-25%-75%-100%. Indication light and stem reflected command percentage sent.							
SIGNATURES: MG								
DATE:							1/10/2020	

[illegible]