

FAC CONTROLLER - FIELD CHECKOUT						FILE NAME:	
JOB NAME: Gloucester Schools				NAE #1		REF DWG	
CONTRACT 9N30-0131				TRUNK:1		No.	
LOCATION: Eerial School				FC- ADDR: 5			
CHECKOUT INFORMATION:							
HDW POINT	SYS/OBJ NAME	INTERM. DEVICE TYPE	CHK	FIELD DEVICE TYPE	CHK	LOOP CHECK	SET POINT
							PROP BAND
UI IN-1	Outdoor Air Temperature	Existing O/A Sensor	x				
UI IN-2	Hot Water Differential Pressure	DPT2301-050D-V					
UI IN-3	Hot Water Supply Temperature	TE-631AM-2	x				
UI IN-4	Hot Water Return Temperature	TE-631AM-2	x				
UI IN-5	Hot Water Pump 1 Status	Internally landed in pump	x				
UI IN-6	Hot Water Pump 2 Status	Internally landed in pump	x				
BI IN-7							
BI IN-8							
BO OUT-1	Boiler Enable		x	RIBU1S			
BO OUT-2							
BO OUT-3	Hot Water Pump 1A Command		x	RIBU1S			
CO OUT-4	Hot Water Pump 1B Command		x	RIBU1S			
CO OUT-5	Hot Water Pump 1A Output		x	Internally Landed in Pump			
CO OUT-6	Hot water Pump 1B Output		x	Internally Landed in Pump			
CO OUT-7							
AO OUT-8	Boiler Set point Output						
AO OUT-9	Zone 1 Mixing Valve Output						
() SYSTEM COMPLETELY FUNCTIONING ON:							(DATE)
() POINTS SOFTWARE MAPPED ON:							(DATE)
TIME SPENT COMMISSIONING SYSTEM:							
NOTES:							
#1	Existing O/A sensor, reading 46.2° compared to handheld temperature probe reading of 49°. Deviation likely from measurements taken from different locations						
#2	Closed inlet valves on DP and observed pressure drop from 6.0 psi to 0.6psi, re-opened valves and pressure reading restored						
#3	Verified by process of elimination, not safely accessible for physical check but only other sensor on trunk is verified and reading accurate value of 135.5° on HWS-T point						
#4	Removed 1 wire, and HWR-T point came back unreliable. Re-connected wire and read value of 132.2°						
#5	Status responded accurately to pump 1A being commanded on and off during output and command test, pump turned on and off in response						
#6	Status responded accurately to pump 1B being commanded on and off during output and command test, pump turned on and off in response						
#7	Sent "On" and "Off" command to Boiler Enable. Rib light illuminated and went out accurately with command sent						
#8	Sent 0%, 50%, and 100% output values to pumps 1A and 1B observed change in feet of head pressure and audible change in motor speed. Max value was set at 60% and DP had incorrect values. Set correct values on DP and modified max output on pumps to 100%. Pumps responding correctly to DP set point as a result.						
#9	Observed boiler set point on boiler monitor and in program at 131° changed to 125° in program, saw change reflected on boiler monitor. Reverted to original set point.						
#10	Sent 0%, 55%, and 100% output values to valve. Indication light and valve stem position corresponded accurately to sent output percentages.						
SIGNATURES:							
DATE:							