

FAC CONTROLLER - FIELD CHECKOUT						FILE NAME:				
JOB NAME: Gloucester Schools				NAE #1		REF DWG				
CONTRACT 9N30-0131				TRUNK:1		No.				
LOCATION: Glendora Elementary School				FC- ADDR: 5		GES-HWS				
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	Existing O/A Sensor		x						Note 1
UI IN-2	Hot Water Supply Temperature	TE-631AM-2		x						Note 2
UI IN-3	Hot Water Return Temperature	TE-631AM-2		x						Note 3
UI IN-4	Hot Water Differential Pressure	DPT2301-050D-V		x						Note 4
UI IN-5	Hot Water Pump 1 Status	Internally landed in pump		x						Note 5
UI IN-6	Hot Water Pump 2 Status	Internally landed in pump		x						Note 6
BI IN-7										
BI-IN-8										
BO OUT-1	Boiler Enable			x	RIBU1S					Note 7
BO OUT-2	Hot Water Pump 1 Command			x	RIBU1S					Note 5
BO OUT-3										
CO OUT-4	Hot Water Pump 2 Command			x	RIBU1S					Note 6
CO OUT-5										
CO OUT-6										
CO OUT-7	Hot Water Pump 1A Output			x	Internally Landed in Pump					Note 8
AO OUT-8	Hot water Pump 1B Output			x	Internally Landed in Pump					Note 8
AO OUT-9	Boiler Set point Output				Internally Landed in Boiler					Note 9
() SYSTEM COMPLETELY FUNCTIONING ON:						(DATE)				
() POINTS SOFTWARE MAPPED ON:						(DATE)				
TIME SPENT COMMISSIONING SYSTEM:										
NOTES:										
#1	Existing O/A sensor, reading 50.6° compared to handheld temperature probe reading of 50.1°									
#2	Removed 1 wire, and HWR-T point came back unreliable. Re-connected wire and read value of 151.4°									
#3	Removed 1 wire, and HWR-T point came back unreliable. Re-connected wire and read value of 141.2°									
#4	Closed inlet valves on DP and observed pressure drop from 4.0 psi to 0.3psi, re-opened valves and pressure reading restored									
#5	Status responded accurately to pump 1 being commanded on and off during output and command test, pump turned on and off in response									
#6	Status responded accurately to pump 2 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.									
SIGNATURES:										
DATE:										