

**SEQUENCE OF OPERATION:**

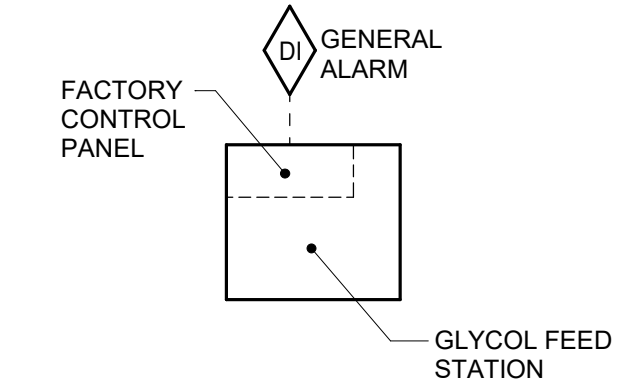
WHEN THE OUTDOOR AIR TEMPERATURE IS ABOVE 40°F (ADJ.), TEMPERATURE SENSOR SHALL MODULATE THE CONTROL VALVE AND CYCLE THE UNIT FAN TOGETHER TO MAINTAIN A SPACE TEMPERATURE OF 65°F (ADJ.).

WHEN THE OUTDOOR AIR TEMPERATURE IS BELOW 40°F (ADJ.), TEMPERATURE SENSOR SHALL MODULATE THE CONTROL VALVE TO MAINTAIN A SPACE TEMPERATURE OF 70°F (ADJ.) AND THE UNIT FAN SHALL RUN CONTINUOUSLY.

**ALARMS, INTERLOCKS & SAFETIES:**

SEND AN ALARM TO THE FMCS OPERATOR INTERFACE IF SPACE TEMPERATURE FALLS 10°F (ADJ.) BELOW SETPOINT.

**1 UNIT HEATER CONTROL - HYDRONIC**  
NO SCALE



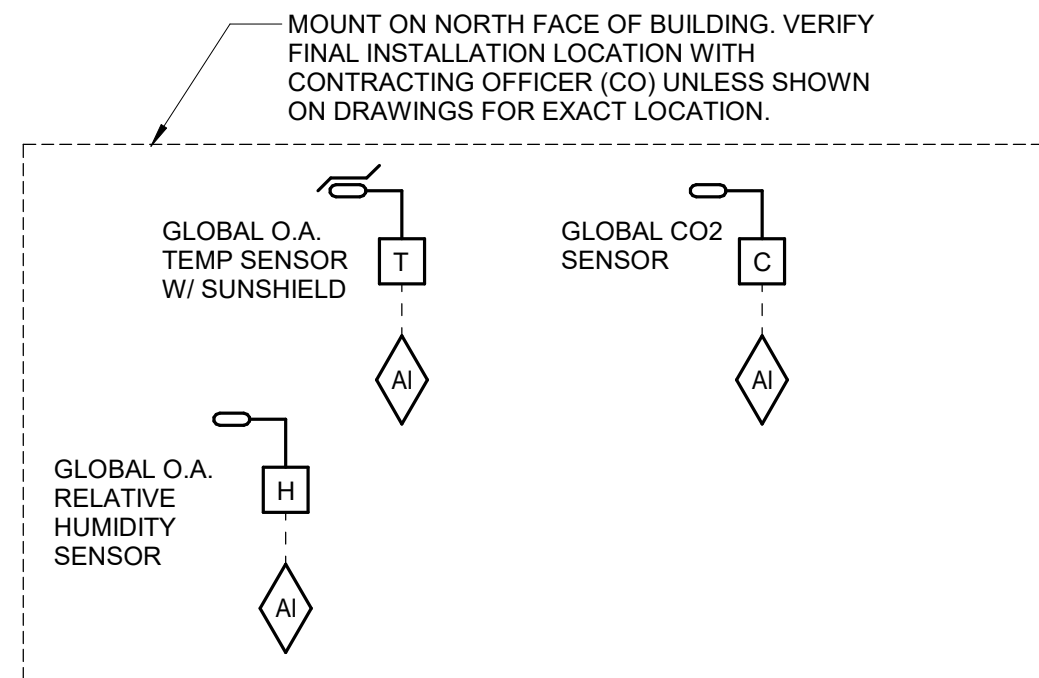
**SEQUENCE OF OPERATION:**

THE GLYCOL FEED SYSTEM CONTROLLER SHALL OPERATE THE SYSTEM TO MAINTAIN THE SPECIFIED PRESSURE IN THE WATER SYSTEM.

**ALARMS, INTERLOCKS, AND SAFETIES:**

AN ALARM SHALL BE GENERATED AT THE FMCS OPERATOR INTERFACE IF THE GLYCOL CONTROLLER INDICATES AN ALARM.

**2 GLYCOL FEED STATION CONTROL DIAGRAM**  
NO SCALE



**GLOBAL REFERENCE POINTS.**

**SEQUENCE OF OPERATION:**

- \* PROVIDE GLOBAL O.A. DRY-BULB TEMPERATURE, GLOBAL CARBON DIOXIDE, AND RELATIVE HUMIDITY TRANSMITTERS.
- \* GLOBAL SENSORS SHALL CONTINUOUSLY UPDATE FMCS FOR USE IN CONTROLLING MECHANICAL EQUIPMENT AS REQUIRED IN SEQUENCES OF OPERATION

**OUTSIDE AIR REFERENCE DRY BULB TEMPERATURE**

- \* LOCATE ON THE EXTERIOR NORTH SIDE OF THE BUILDING LOCATION MUST BE SHADED AWAY FROM ANY HEAT SOURCE. LOCATION TO BE DETERMINED PER MANUFACTURER'S RECOMMENDATIONS AND CO'S APPROVAL CONTRACTOR SHALL PRIME AND PAINT THE DEVICE ENCLOSURE COLOR SELECTION BY ARCHITECT/ENGINEER.

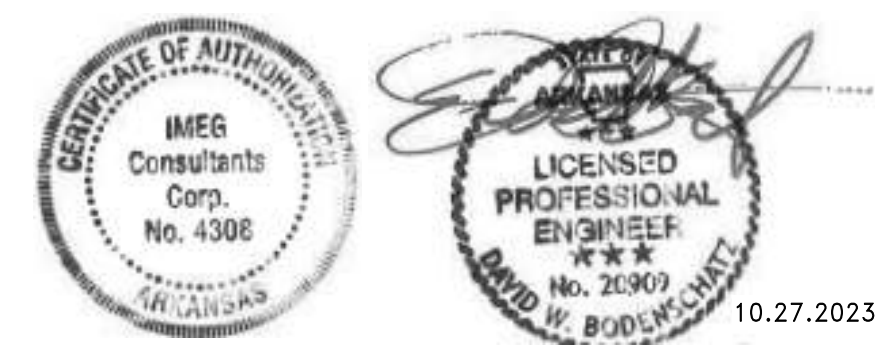
**OUTSIDE AIR REFERENCE CARBON DIOXIDE**

- \* LOCATE ON THE EXTERIOR OF THE BUILDING LOCATION TO BE DETERMINED PER MANUFACTURER'S RECOMMENDATIONS AND CO'S APPROVAL CONTRACTOR SHALL PRIME AND PAINT THE DEVICE ENCLOSURE COLOR SELECTION BY ARCHITECT

**OUTSIDE AIR REFERENCE HUMIDITY:**

- \* LOCATE ON THE EXTERIOR OF THE BUILDING LOCATION TO BE DETERMINED PER MANUFACTURER'S RECOMMENDATIONS AND CO'S APPROVAL CONTRACTOR SHALL PRIME AND PAINT THE DEVICE ENCLOSURE COLOR SELECTION BY ARCHITECT

**3 GLOBAL REFERENCE POINTS**  
NO SCALE



10.27.2023

A/E FIRMS PRIME/ARCH: <b>STRATA ARCHITECTURE</b> 1703 OAK STREET, SUITE 100 KANSAS CITY, MO T: 816.474.0900	DESIGNED:	SUB SHEET NO. <b>01</b> <b>ME8.5</b>	TITLE OF SHEET <b>MAURICE BATHHOUSE</b> <b>TEMPERATURE CONTROLS</b>	DRAWING NO. <b>626</b> <b>180065</b>
	CADD:			PMIS/PKG NO. <b>318674</b>
MEP/ENG: <b>IMEG CORP.</b> 1400 BALTIMORE STREET, SUITE 300 KANSAS CITY, MO T: 816.842.8437	TECH. REVIEW:	DATE: 10.27.2023	REHABILITATE BATHHOUSES HOT SPRINGS NATIONAL PARK	SHEET <b>164 OF 286</b>