NOTES:

1. THE DHW STIR PUMP WILL ENERGIZE WHEN TANK TEMPERATURE ELEMENT (TT-2) GOES BELOW "LOW" SET POINT. THE PUMP WILL BE DE-ENERGIZED WHEN THE TEMPERATURE GOES ABOVE THE HIGH SET POINT. BOTH SET POINTS SHALL BE ADJUSTABLE.

2. THE UTILITY HOT WATER FLOW CONTROL VALVE (FCV) SHALL REMAIN CLOSED UNLESS THERE IS A LOAD ON THE HEAT EXCHANGER (HX), PROVEN BY THE STIR PUMP ENERGIZED OR OTHER MEANS TO VERIFY FLOW THROUGH THE HX.

3. THE FCV MODULATES TO CONTROL THE WATER TEMPERATURE LEAVING THE HX AT TEMPERATURE ELEMENT (TT-1). THIS SET POINT IS TYPICALLY 5 DEG F ABOVE THE DESIRED TANK STORAGE TEMPERATURE.

4. MANUAL ISOLATION VALVES SHALL BE FULL PORT BALL VALVES FOR 2" AND SMALLER LINES. BUTTERFLY VALVES ARE ACCEPTABLE FOR LARGER LINE SIZES.

5. PIPE RELIEF LINES TO SANITARY SEWER.

6. SEE FDG 25 SERIES FOR INSTRUMENTATION HARDWARE REQUIREMENTS.

7. SKID IS TO BE MOUNTED ON A HOUSE KEEPING PAD.