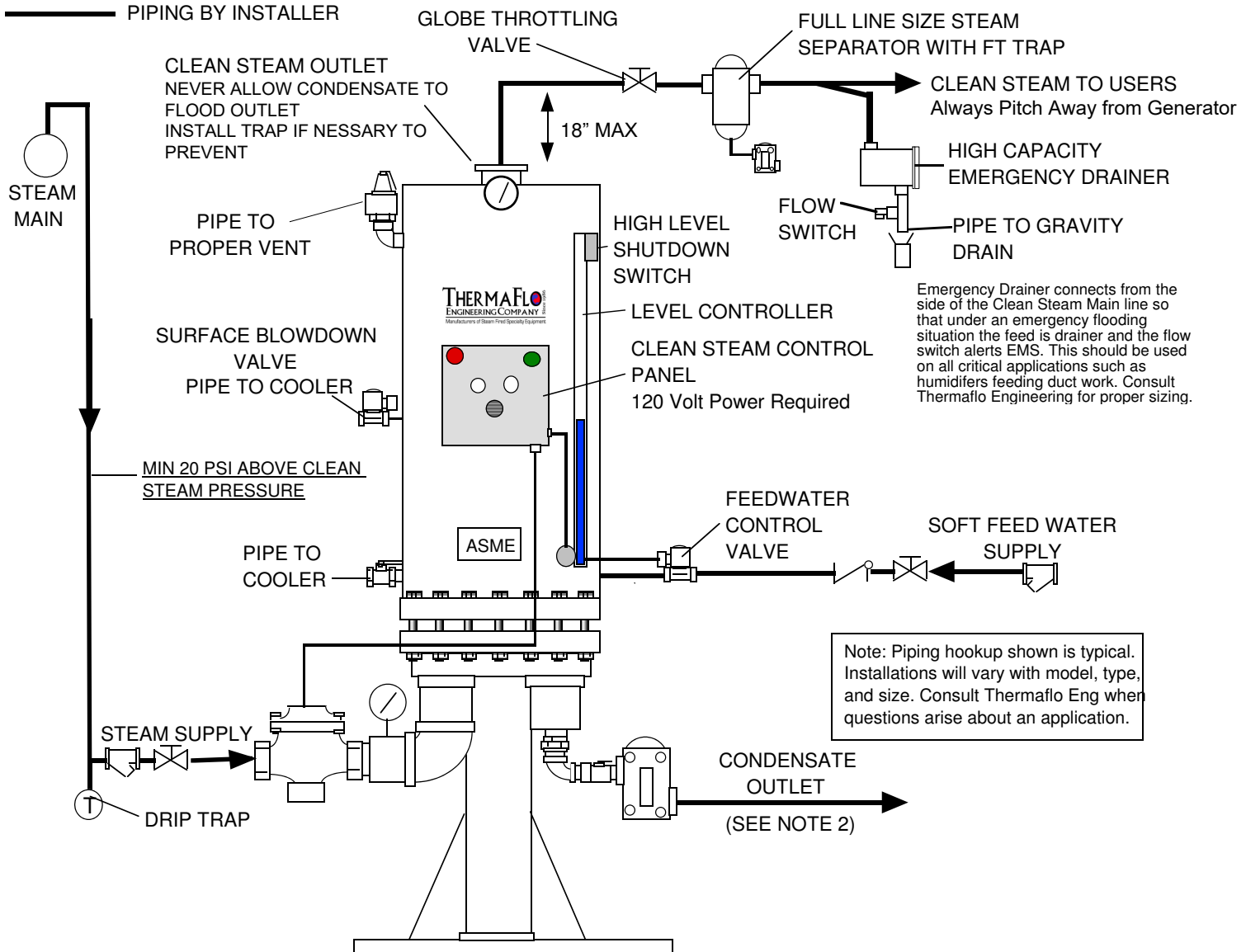


## THCS Vertical Clean Steam Generator Unit Piping Hookup



### Notes:

1. SUGGESTED PIPING DESIGN. DESIGNER SHOULD CONSULT LOCAL CODES TO VERIFY COMPLIANCE.
2. ALWAYS PIPE OUTLET CONDENSATE TO GRAVITY ATMOSPHERIC RETURN LINES, TO AVOID WATERHAMMER AND INTERNAL STEAM SPACE FLOODING.
3. ALWAYS PIPE SUPPLY STEAM FROM THE TOP OF THE HEADER AS SHOWN, AND INSTALL A MAIN DRIP BEFORE CONTROL VALVE INLET.
4. SOFT WATER 1 GRAIN PER GALLON MAX TO AVOID SCALING.
5. INSTALL A LINE SIZE SEPARATOR OR FULL LINE SIZE MAIN DRIP WITH FT STEAM TRAP TO AVOID CARRYOVER. PITCH STEAM LINE AWAY FROM THE CLEAN STEAM OUTLET. ALWAYS PIPE OUTLET STEAM INLET INTO THE TOP OF THE HEADER AND PITCH LINE AWAY TO AVOID CONDENSATE BACKFLOW AND HIGH LEVEL. CHECK VALVES SHOULD BE INSTALLED DIRECTLY ON THE OUTLET AND NEVER ALLOW CONDENSATE TO DRAIN FLOOD OUTLET.
6. FEEDWATER SHOULD BE SUPPLIED 15 PSI MIN ABOVE CLEAN STEAM OUTLET PRESSURE AT ALL TIMES.
7. ALWAYS PIPE BLOWDOWN TO A COOLER BEFORE PIPING TO DRAIN.