



Winery

This 5,000 sq.ft. Winery was built on a 2,400 sq.ft. LEGALETT foundation. The owners chose LEGALETT in part because of the requirement for absolute temperature stability that is needed for wine making. LEGALETT's tremendous thermal mass is certainly up to the task of keeping the temperature stable. In addition, with the warm floor, frequent floor wash downs in the tank room are not a slippage hazard, since the warm floor quickly dries up the moisture.

Three heating zones were used for the tank room, barrel storage, and retail area, each zone with very different heating needs. Some rooms had no windows or roof whatsoever, and others had 20' ceilings, and even full-wall glazing.

The structural strength of the LEGALETT foundation also meant that it was easily able to support 20' of concrete walls, a concrete intermediate floor, and even a concrete roof, all without frost walls or deep footings. It was truly a simple design for a unique application!

