



Church / Community Centre

This 6,000 sq.ft. church and community centre features an outstanding heating system to go with its unique looks. The simplicity and cost savings of the LEGALETT foundation system were much appreciated by both the builder and the designer. LEGALETT's versatile and robust slab design meant that the normal and complicated foundation design of a multitude of interior and exterior strip footings and frost walls were eliminated. LEGALETT's 8" slab throughout, without frost walls, easily supported the bearing walls and point loads in this structure. Legalett was even used for a small suspended slab over the basement entrance.

Nine heating zones were used to effectively control the temperature in a wide variety of heat loadings, varying from practically no windows to walls made almost entirely of glazing. The use of tile and similar floor coverings means that the parishioners will enjoy warm feet during times of reflection in the chapel and community centre, as well as meeting with friends in the open foyer areas.

As a finishing touch, the use of the LEGALETT system allowed for a rather unique design of ventilation system, in which the ventilation system can be turned off completely during periods of low or non-occupancy, with significant cost savings. Even with the ventilation system off, the church will still be warm and quiet throughout.

