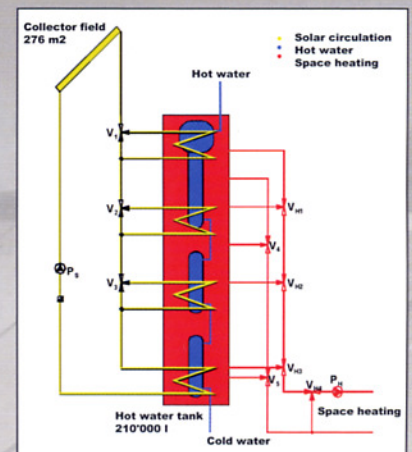


# First 100 % solar heated apartment house with a seasonable heat accumulator and no auxiliary heating

## PROJECT DESCRIPTION

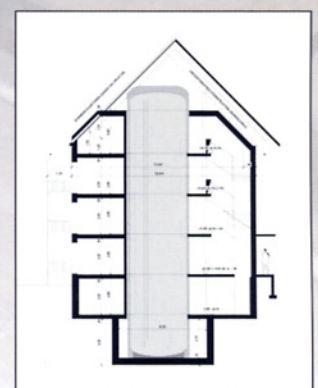
The residential building offers 8 apartments (3 x 4.5 rooms, 3 x 5.5 rooms, 2 x 2.5 rooms) and is situated in the south part of the city of Burgdorf, Switzerland. To reach optimal solar efficiency the building is orientated towards the south. In the 276 m<sup>2</sup> sized collector field the water will be heated and later stored in a 210'000 l seasonable hot water tank. In addition to this innovative heating system the building disposes of a above average heat insulation and well insulated windows for passive sun energy generation. Start of construction is September 2005.



► Solar heating and hot water system



► Ground plan



► Side plan

