The weight of the increased heights was concentrated on great pillars separated by lofty and well-proportioned arches while the greater use of external buttresses permitted very large windows. The decorative motifs used, particularly the alternating shafts and waves on the nave pillars carry the eye upwards and add to the feeling of lightness and spaciousness.

Over three centuries the builders consistently used a local pink grey sandstone from the Downtonian series of the Old Red Sandstone outcrops east and north east of the town. They also used a whitish variety of sandstone from Rock Lane quarry – one mile east of the church. A vast amount of stone was used in 1469-70, 134 loads being brought to the church costing 4d a load. The 'mason of Gloucestre' was the consultant and there is a similarity in style of the tower to Gloucester cathedral's tower.

Most of the work at Ludlow was undertaken by local masons, each assigned a distinctive mark used to show responsibility for a particular piece of work.