



Hillview Dairy

CHARLTON MARSHALL, DORSET

"A romance design certainly more Thomas Hardy than Le Corbusier, with towers and chimneys for the five fireplaces, a patchwork of flint, brick, limestone and clay."

Hillview Dairy

This modern country house, built on chalk above the Stour plain in Charlton Marshall using an extensive range of natural materials including knapped flint, natural stone, granite, oak, local clay bricks, and hand-made roof tiles.

The bespoke design and architectural detail created a complex and challenging construction project that Greendale successfully delivered to the great delight of the owners and architect.

Employer	Private Client
Architects	Prince Architects and Designers
Surveyors	Stockdale
Value	£1.5 million

Construction Notes

Too large for a simple low bearing masonry structure but too small for a structural frame; the upper floor is endo-skeletal, and the ground floor, exo-skeletal, with reinforced masonry buttresses, capped in stone; allowing long continuous wall surfaces inside at ground floor, and utilising the more cellular first floor structure to carry the roof load, via a ribbed ground floor plate.

Trussing within the roof has been dispensed with, by tying the great oak perimeter eaves-beams/wall-plates together with stainless steel rods, and then bracing at the eaves with a fitch-plate and angled oak struts operating somewhat like a titanium artificial hip, resolving the push-and-pull thrusts of wind and roof load.

The space of the lower floor, (finished in limestone, oak and granite), folds freely around fireplaces and a few main structural walls, in the modern fashion. The cardinal points all meet in an octagonal table in the centre of the kitchen, a sort of font, or sundial. Here the sun streams in from the upper garden, and opposite the views open to the hill across the ha-ha on the north lawn.



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