

15.01.09

Small Details

*A closer look at the
construction of three
Small Projects – p35*

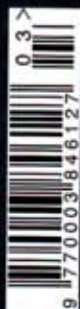
Old Masters

*How Dutch design lost
its function and moral
purpose – p39*

AJ

SMALL PROJECTS PART 1

*The beauty of bike sheds and back
extensions – p22*



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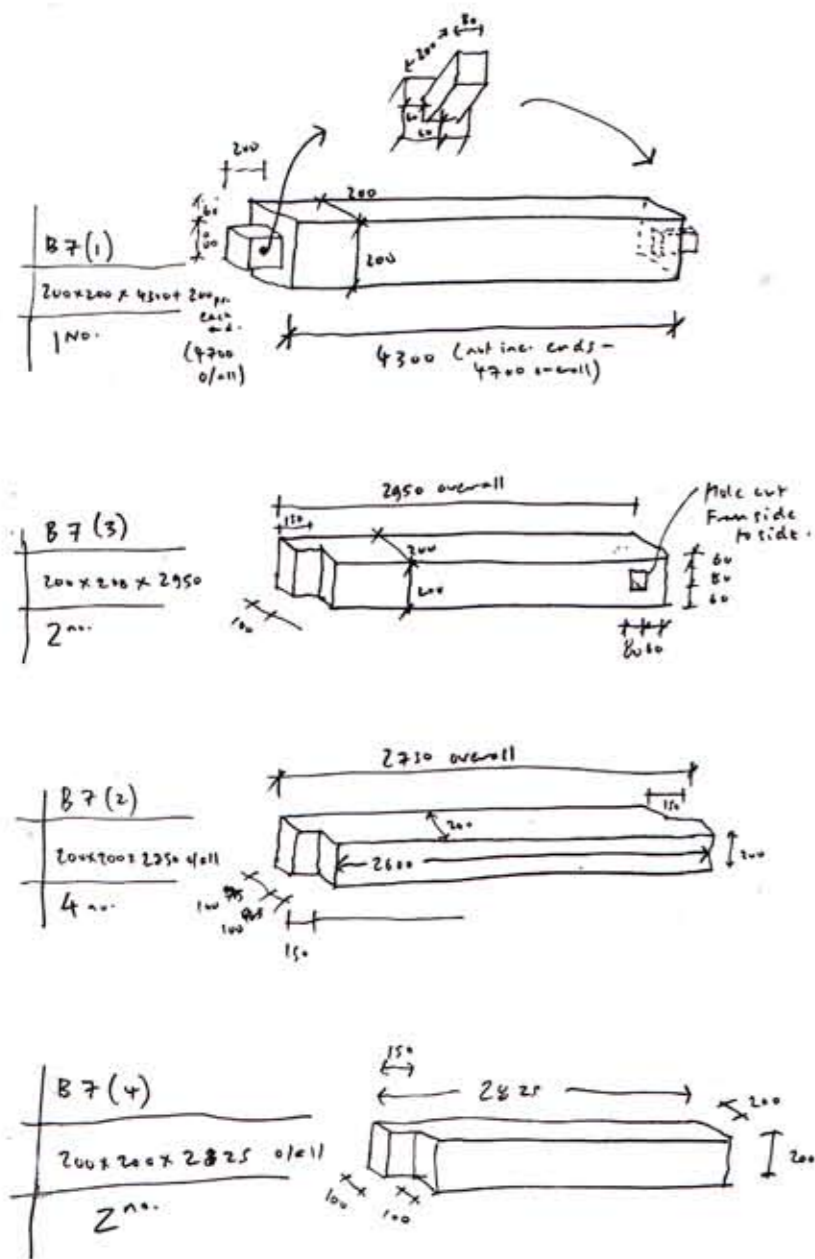
Moonshine, Bath
 Architect: Mitchell Taylor
 Workshop
 Cost: £150,000

Moonshine, a 1786 castellated stone building, has no car access within 400 yards, and this self-build addition (see pages 36–37 for detail drawings) was constructed with components that had to be carried by hand along a woodland path. The client acted as main contractor and the building was completed in six months. It is clad externally with dark grey corrugated sheet – a nod to local corrugated Dutch barns. The extension touches the ground lightly, using small pad footings in eight positions, which allows the water table to remain unaffected and minimises concrete use.



A Timber Room, Somerset
 Architect: Unit 7, London
 Metropolitan University
 Cost: £9,500

This timber structure was originally built for last year's Ecobuild exhibition at Earls Court, London. Constructed from Kerto-S composite timber elements donated by Finnforest, it was clad internally in 12mm plywood to create a materially rich sculptural interior. Artists Rut Blee Luxembourg and Hilary Koob-Sassen invited the students to rebuild the structure in Hadspen, Somerset. It was transported by lorry, reassembled and added to, creating a visually and thermally warm space inside an existing agricultural shed.



Above Members used to construct Moonshine's frame, shown here as hand-drawn sketches by Piers Taylor

Right The frame set-out drawing shows how the members connect with each other

OAK FRAME, MOONSHINE, BATH, BY MITCHELL TAYLOR WORKSHOP

Moonshine's self-build addition (see page 30) was designed on the back of an envelope. We'd been living in the tiny old bit of the building and, with a third child on the way, we needed more. I hadn't intended to build it myself, but my contractor moved too slowly, so I sacked him. Friends helped with the on-site handiwork, and I didn't tell the subcontractors about the woodland location. Instead, when they turned up, I coaxed them along the

400-yard footpath. The glaziers were astonished – each pane of glass weighs 250kg – but to their credit they just went and got seven more burly blokes. The shifting clay on which we built could have resulted in water building up behind the new build, so, with Jerry King of Structures 1, we created a raised, suspended ground floor on deep pad footings. Externally, a 200 x 200mm perimeter beam is pinned to each

column with a single stainless steel stud. Internally these beams are split in two and bolted together with a compriband strip in the middle to allow for shrinkage, so the longer members could be carried to site in two lighter parts. The perimeter zone allows for glazing, cladding or louvres to be fitted. The day after we put the frame up, our child was born. Piers Taylor, director, Mitchell Taylor Workshop

