

<b>Project Name:</b>	<b>MILL HILL OBSERVATORY – FRY DOME</b>
New Build/refurb:	Refurbishment
Form of contract:	UCL Standard form of Contract
Contract start date:	December 2007
Completion date:	January 2008
Contract value:	£27,000
Client:	University College London
Lead Consultant:	University College London Estates & Facilities Division

**Project Description:**

Reinstatement of a defective concrete floor with the fry dome and other remedial works.

**Construction details:**

The Mill Hill observatory, which belongs to the University College London, provides superb teaching facilities for undergraduate studies in astronomy and various other astro practical work.

Works were undertaken to the Fry dome which houses the Fry telescope. The telescope was donated to the observatory in January 1930 and was made in 1862. It is renowned for being very accurately polar aligned and is particularly well suited for planetary and solar viewing



The Works at the observatory involved removal of the existing concrete floor and installing a timber suspended floor. Concrete was then laid and two layers of TG4 plywood flooring put in place. Vinyl flooring was then laid over the top as a final protective layer. A clearance had to be left between the new flooring and the concrete pillar which houses the telescope so as to prevent vibrations from the floor affecting the instrumentation on the telescope.

The observatory is located straight off a busy dual carriageway and as a result site access and delivery was very restricted.

Further remedial works and redecoration works are being carried out to the Wilson Observatory Building, which houses the Radcliffe twin refractor as well as workshops, classrooms and laboratories.

