

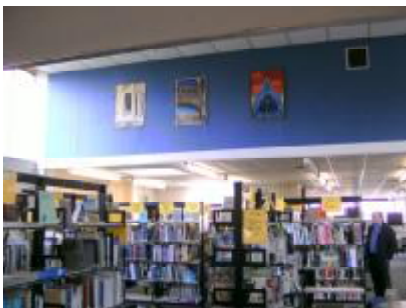
Abingdon and Witney College – Witney campus

The Abingdon and Witney College teaches music technology to degree standard in partnership with Oxford Brookes University, Graduates are equipped for careers in the fast moving world of sound and media production.

In late 2008 the college is being totally redeveloped, a £30m program, on the existing site.

The block to be demolished first is Music Technology !

In March 2008 Studio Schemes were invited to tender for the design and installation of a large new Control room, Live room, Voice Booth, 2 x project studios and 2 x MAC suites and associated staff offices and facilities.



This was to be a full turnkey operation by Studio Schemes including demolition of some parts of the existing library and learning centre, a mechanical and heating strip out



The design and construction of the five new studios was to be to a very high standard and included all electrics, air conditioning, access systems and fire systems

.On the first of May 2008 the contract was awarded to Studio Schemes and work commenced on the first of June, to ensure that the facilities, A large Control room with Live room and Voice Booth adjacent and two Project studios with the addition of a small radio booth, two Mac suites, staff office

and storeroom would be available to the college, fully working by the end of August.



The music technology department staff were fully involved in the specification process to ensure the facilities and layout would match their expectations.

The first week on site was taken up with the removal of all the redundant electrics, a mezzanine, various heating, alarms systems etc.

The acoustic and isolation design for the studios had to be very accurate each studio area had a different defined use and was expected to have several students overlooking the lecturers work on projected TV as well as working on their own projects.



The outer studio isolation walls were built on resilient layers to form the perimeters of the studios, loaded with multiple isolation boarding and acoustic resilience and capped with an I beam roof to form the outer isolation section



the inner floor sections of the studios were formed with isolation boxes mounted on neoprene blocks and filled with kiln dried sand



The inner isolation walls were formed onto the sand filled boxes to fully isolate them from the concrete sub floor and the outer walls and individual neoprene mounted roofs were installed to form triple walled isolation studios



Studio Schemes factory manufactured
Five high isolation magnetic sealed studio doors,
Three high isolation magnetic sealed lobby doors
Two isolated MAC suite doors



The triple glazed windows were manufactured to very tight tolerances – each of the 3 studio walls had its own window section thus maintaining the isolation between the individual studio sections.

Each individual window section had a glass pane of different weight and acoustic properties sealed into place with high absorbance acoustic foam sections to further increase the already very high isolation

A high efficiency ducted air conditioning system was designed by Studio Schemes and our M&E contractor to operate circa NR23; the air handlers were mounted above the cap roof for ease of maintenance and the attenuated air supplies and extraction introduced via the individual studio roof sections.





Studio Schemes also constructed the two MAC suites, staff office stores etc. the area was fully wired with a new 3 phase board and technical distribution boards with clean feeds for all the technical supplies in the studios, both track and inset spot studio lighting, with emergency fitted HF CAT 2 lighting for technical work



The studios were finished in fire resistant fabric, with solid ash dado rails, and removable solid ash technical skirting.

The Studio Schemes design, management and installation team were gratified to receive the following message from Sue Web – Director of Capital Projects, Abingdon and Witney College

“I am delighted with the new facilities and speak on behalf of all the team in thanking you for such an excellent job done, by such a positive team”