

ROOTY HILL HIGH SCHOOL

NEW LIBRARY, MAIN COMPUTER DISTRIBUTOR, COMPUTER CLASSROOM, TWO-STOREY COVERED WALKWAYS, SENIOR RESOURCE CENTRE, GAMES COURT AND SERVICE ROAD.

CLIENT: NSW Department of Education

LOCATION: Rooty Hill, NSW

VALUE: \$3,300,000

DURATION: June 2007 – March 2008 (four months early)

Project profile

Donnelley Constructions was commissioned to carry out a number of projects that involved every building in the school. The scope of works included a new library and associated ramp and stairs; four new 2 storey covered walkways connecting existing blocks, a new games court to the eastern side of school and a new service road to north-east corner of the school grounds.

The project also required construction of several new facilities: the new main computer distributor, computer learning space, library administration area, system administration room, careers advisor room, senior study room, plant room and three seminar rooms as well as upgrade of the old library to a modern senior resource centre. Also included is a large storm water detention and water recycling system for landscaping.

1100 students on campus

Rooty Hill High School accommodates 1100 students and Donnelley Constructions was required to work on every building within the school grounds during school hours. Donnelley Constructions built four covered walkways while the school was in use as well as new ramp linking the lower ground area to the library entrance.

Rooty High School principal Christine Cawsey said the project was not only carried out with a full complement of students on campus but also during examinations for the Higher School Certificate and School Certificate.

“Donnelley Constructions did a fantastic job, particularly during this important time of the school year. There was minimum disruption to the school because of their systems, planning and procedures. For example, they provided covered walkways in various locations so we had full access to every building for nearly all of the construction period,” she said. “They made the most effective use of the school holidays and despite a fair amount of rain, managed to finish the project well ahead of schedule. The site manager was simply terrific, there was great attention to detail and it really was a smooth operation.”

Cawsey said unlike other building projects she had been associated with in the past, there was very little work that required attention after completion. “If there was a problem, they were very willing to fix it,” she said.

Cawsey added that Donnelley Constructions established a long-lasting relationship with the school by offering apprenticeship opportunities to students. “They also provided opportunities for our construction class students to observe building work in progress, which was a terrific learning opportunity,” she said.

Good communication with Department of Commerce

“The Department of Commerce was extremely happy that the works were completed well ahead of time largely due to the innovation Donnelley’s brought to the project. This involved combining milestones and using such building techniques to allow the construction of difficult elements like the two-storey walkways to proceed in a very safe methodology with ‘B’ class hoardings,” **Department of Commerce project manager Russell Holliday** said.

“The use of the GC21 contract ensures good communication and co-operation with a team approach of the stakeholders leading to a very successful project,” he added.

Structural requirements

The structural requirements included load-bearing concrete piers, concrete slab to library, custom steel roof frame, suspended concrete walkways supported by concrete columns and lightweight steel framing to roof of covered walkways.

Finishes

Face Brick and metal clad external walls, pinboard, face brick, painted plasterboard fibre cement and rendered brickwork for internal walls, all well proven finishes in schools.

Landscaping

Soft landscaping to external areas consisted consisting of turf, planting beds, mulch, timber edging and isolated trees as well as concrete paths.



**BUILDING CONTRACTORS,
PROJECT MANAGERS AND
DEVELOPERS**

Phone: 02 9634 1233

Fax: 02 9634 1190 |

Email: builder@doncon.com.au

www.doncon.com.au