

TRINITY ANGLICAN COLLEGE – NEW SENIOR SCHOOL



Overview

The project involved the construction of a new contemporary open-plan type Senior Secondary School complex comprising 3,000m² new build across two new buildings to cater for years 7 to 12. Two main building, being a two story building containing 12 classrooms and a single story building containing 8 classrooms, are connected by a feature central Courtyard area.

The facility also includes Faculty Offices, Faculty Break-out areas, a Year 12 Break-out area, Meeting Rooms and extensive General Learning areas. The open plan classrooms are divided by part height fully glazed bi-fold and sliding glass doors that can be opened to form one large open space for interactive teaching and learning and features architectural external perforated sunscreens.

Structure

The structure primarily comprises the ground floor concrete slabs being constructed on a special waffle pad base with bored piers providing additional support to part of the structure. The suspended concrete slab with inclined perimeter and elaborate setout was traditionally formed and comprised processed bar. The Tridek Roofing system provides a fully integrated Insulated composite system 210mm thick with finished ceiling line below. The eclectic external claddings included Colorbond steel and Danpalon polycarbonate cladding.

Site Restrictions

The project was constructed on an operational school site with limited and shared access restrictions including immediate proximity to adjacent functioning library, sciences and teaching blocks. Works was undertake incident free and included special noise and pollution management provisions.

Environmental

The project features high level operable clearstory windows and associated extraction fans towards an ESD design. We utilized only sustainable growth timbers and disposed of minimum waste as a result of our waste recycle and reduction policy including full recycle of polystyrene pods, insulations, timbers, steel and paper waste.

Time & Performance

The project was managed towards client induced and approved variations only and completed to client approved EOTs including 42 days wet and inclement weather, 20 days consequential effects and significant in ground storm water redesign. The project also incorporated locker bays at a late stage and client early occupation was accommodated towards FFE and other user installations.

Client

Trinity Anglican College
Greg Davis
Business Development Manager

Value

\$7,022,928.00

Construction Period

January 2015 – January 2016

Location

Thurgoona NSW

