

Structures – Education

St Hilda's School, Singapore

Project Overview

The project required additions and alternations to existing classroom buildings as well as the construction of a new complex with two indoor sports halls & a multi-purpose hall on level 2 and one of Singapore's first competition class roof-top hockey fields (17m above ground) at the school. The column-free multi-purpose hall features a post-tensioned system with beam system of 37m span and columns free standing height of 11m. The complex provides facilities for the school, sports & social functions and will become the centre for these activities around the regional neighbourhood.

The old school hall has been converted into a two-storey teacher staff room and resource centre by using lightweight steelwork. The school internal and entry/exit traffic flow has also been re-assessed, revamped and improved. This provides safe passage for school children and minimum congestion during peak hours.



Fast Facts

- **Client:** St Hilda's School
- **Location:** Singapore

- **Date completed:** 2011
- **Key responsibilities:** Civil & structural engineering design services, construction supervision and Traffic Impact Assessment.