

## BUILDING THE EDUCATION REVOLUTION - MULTI PURPOSE SCHOOL HALLS, SOUTH COAST



### Overview

The four school halls were constructed as part the first round of the Federal Government's \$16 Billion economic stimulus package rollout. The four contracts were managed as one project with all four sites being constructed simultaneously. The halls were designed with the purpose of providing the schools with a durable, multipurpose area that could be utilised by students and the local community and provide a covered outside play area. The end result is an asset that has been appreciated and frequently used by students, staff and community groups.

The BER program was a very public project that was under constant scrutiny by public commentators, politicians and the general public. The project required strict compliance with a child safety policy, OHS management, quality assurance and project management. To ensure compliance our project was subject to multiple audits from the managing contractor and the independent project office, with the result of these audits for Zauner Construction being superior.

At a stage in the building industry when a massive injection of funding created challenges such as a shortage of materials, subcontractors and extended lead times for production and processes, Zauner Construction delivered these projects on time and within budget.

Zauner Construction was proud to deliver four top quality buildings to the community and to be involved in a program that was so beneficial to the economy.

### Structure

Generally all the structures were identical from above floor level; the only major differences were the concrete slabs. Three of the halls were slab on ground and one was a suspended slab design, each being approximately 485m<sup>2</sup>. Above floor level was a structural steel frame with brick veneer, metal cladding and metal roofing.

Because of its intended purpose as a multipurpose hall, careful consideration was given to the acoustic qualities when being used for performances, its durability when being used for sporting activities and its ventilation and thermal resistance for use in all weather conditions throughout the year. Durable Australian hardwood is used in the construction of the sprung sports floor, stage steps and ramp.

The corrosive nature of the Coastal environment necessitated the use of long lasting durable building materials and processes such as Colorbond Ultra roofing and metal cladding, Perforated Stainless Steel corrugated cladding, exposure grade bricks and extra thick hot dip galvanized coating on structural steel. In addition to the construction of the hall's, the projects required footpaths, covered walkways, steel fire escape stairs, disabled parking and minor landscaping.

As part of the State Government funded "National Solar Schools Program" Each of the halls received a 6kw Solar electrical system.

### Client

NSW Public Works  
Peter Hughes  
Project Manager  
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### Value

\$5.8m

### Construction Period

October 2009 to December 2010

### Location

- Bermagui Public School Hall
- Cambewarra Public school Hall
- Narooma Public School Hall
- Shoalhaven Heads Public School Hall