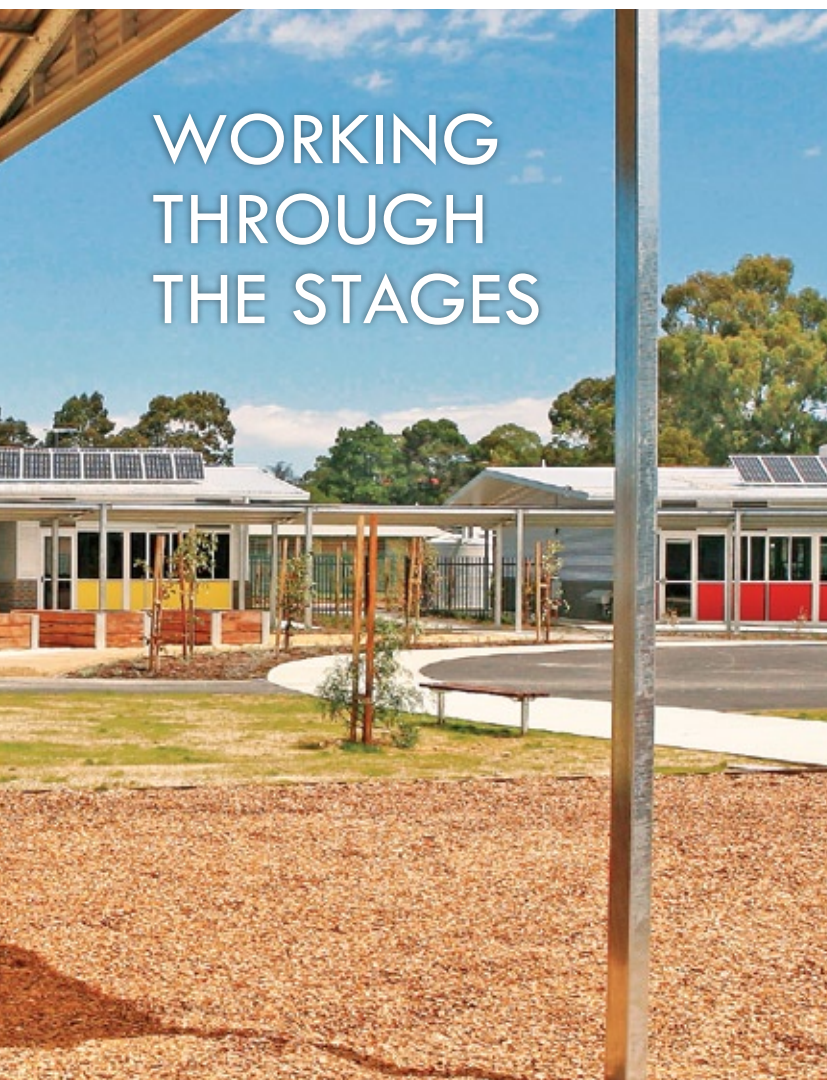


# WORKING THROUGH THE STAGES



**Smith Brothers Plumbing** has been involved with the **PPP Super Schools** project all the way from design to final construction. Stuart Hallandal, Smith Brothers' hydraulic specialist worked strongly with Daniel Edlinger, AECOM's chief hydraulic consultant to produce the construction documents and assist in the scope and design of hot water plant, flow and return systems, trade waste and design approval. Smith Brothers then continued through to the final stage of installing sanitaryware and turning on the water.

PPP Super Schools Project is six schools all with different scopes of works to cater for pre-school through to Year 12 students; eighteen months to complete with total completion due in Mar 2011. Regency Park School for special needs students required disabled toilets and wheelchair access in all areas; Playford North, Inner North and Inner West were all new schools built on the ovals of existing schools; Munno Para West and Sports Park were totally new schools designed to accommodate 1600 students each.

Smith Brothers Plumbing installed hot and cold water supply to 1,800 fixtures including drinking fountains, specialist art troughs, laboratory sinks, connected gas to cookers and dish washers in home economics areas, installed toilet pans, cisterns, basins and sinks. Rainwater tanks, pumps and controllers to irrigate the school gardens and veggie patches

were supplied and installed. Green water and energy efficient products and methods focused strongly with solar hot water systems, rainwater harvesting and six star tapware, the highest standard of water efficiency.

At the height of the project Smith Brothers Plumbing had as many as five project managers and close to fifty plumbers, plant operators and apprentices spread across the six school sites and overseen by Construction Manager, Nick Wilmshurst.

PPP Super Schools was a challenging project for Smith Brothers Plumbing, their largest to date, the design stage was massive and not a traditional role for either builder or sub-contractor; the time constraints tested their program timing and scheduling and in the end another successful project with valued client Hansen Yuncken.



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