

Fast Flexible Strong Smart

CASE STUDY

Bonner Subdivision

Project Snapshot

Date

April 2010

Project Name

Bonner Estate – Stage 2, ACT

Contractor

ACT Civil Pty Ltd

Products Used

HardiePipe™ concrete pipes & fittings

Best practice installation in the nation's capital.

Implementing best practices in pipeline installation is giving this leading civil contractor the edge in delivering high quality services for this fast growing suburb in the ACT.

Capital growth.

Bonner is a new suburb in the fast growing northern corridor of the Australian Capital Territory. It has been master planned to provide high level facilities to residents – including fibre cable to each home, extensive recreation areas and a number of innovative green initiatives. Underpinning all this of course is the system of water and sewerage services that must work seamlessly and without compromise. As Bonner boomed and Stage 2 loomed, construction of these critical services was required to match the project's swift timeline.

Enter ACT Civil Pty Ltd. Operating for nearly a decade, and with their three directors' experience totaling more than 70 years, ACT Civil was well placed to deliver. As its name confirms, it was also well placed geographically, and has won 4 MBA (Master Builders Association) Excellence in Building awards in the local ACT region. When it came to the time constraints of the Stage 2 Bonner project, it was ACT Civil's experience providing best practices in pipeline installation that served them well.

Construction efficiencies.

Vince Neuss is one of the directors at ACT Civil Pty Ltd and has been using HardiePipe™ concrete pipes for over 4 years with great success. "HardiePipe™ is a much better pipe," starts Vince. "It gives us 30-40% faster installation when compared to steel reinforced concrete pipes. As a result of this efficiency, our crews are much more productive – laying up to 200m of HardiPipe™ per day."

Another key feature, and especially important in a 'green' project such as Bonner, is the huge reduction in waste. "The flexibility we achieve with HardiePipe™ concrete pipes is great, we can cut it wherever we want. The off-cuts can be re-used easily and we believe this saves us up to 20% on any given job." Of course, this is not only better for the environment, but saves money as well.

At Bonner estate, this benefit was confirmed by the head civil contractor, GroupOne Pty Ltd. John Inder, Construction Manager for GroupOne, explains.

“The reduced waste and installation efficiency means we pay less and get the project completed faster.”

Highly recommended.

All of these construction benefits are achieved with out sacrificing on quality. "ACT Civil recommended HardiePipe™ concrete pipes and fittings," says Inder. "We are not only getting better value, but we're also seeing less installation issues than we've had with other products in the past."

Deiter Dallinger, Sales Manager for Capital Precast Pty Ltd has been supplying HardiePipe™ concrete pipes and fittings to the Canberra market for over four years. Deiter explains the stringent regulations required in the ACT market. "With every stormwater line requiring CCTV inspections, HardiePipe™ concrete pipes have performed well – as the 4m lengths reduce joints required. Many contractors have found HardiePipe™ fittings provide a big advantage as the couplings achieve these flexible joints with minimum pipe wastage.

"The ongoing product quality, logistics and customer service support from James Hardie has enabled Capital Precast to build and maintain a very effective and efficient delivery service using our fleet of crane trucks and trailers to meet customer's delivery dates and site needs."

Fast-paced industry

With the Bonner Stage 2 completed on time, the entire site agrees on the speed and efficiency of HardiePipe™. ACT Civil Pty Ltd director Dane Pumpa sums it up best. "The only problem we can see with the use of FRC pipes is that if we had to go back to using another product, we would struggle to meet our clients timeframes!"

Fast, Flexible, Strong, Smart

Our progressive, innovative approach creates high performance, engineered solutions for above and below ground stormwater drainage applications.

Call James Hardie on the number below to find out all the benefits for your next project.

“Many contractors have found HardiePipe™ fittings provide a big advantage as the couplings achieve these flexible joints with minimum pipe wastage”

Deiter Dallinger
Sales Manager for Capital Precast Pty



Ask James Hardie™
Call 1800 659 850
www.jameshardiepipes.com.au

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Concrete Pipes