

Editorial

With winter still upon us, it is nice to have a few dry days to venture out and enjoy the great outdoors.

SA Water have recently developed many walking trails throughout their reservoir land holdings in the Greater Adelaide area, just waiting for you to explore.

Mount Bold Reservoir is one of those great places, to feel as though you are away from it all while experiencing one of the many walks open to the public in this area.

While walking the Mount Bold tracks you may well come across the lookout over the impressive dam wall, as our article shares, spot one of the Survey Monitoring Pillars that helps ensure the safety of the public by regular survey observations of the wall.

We also share some recent discoveries of survey records of early European Settlement in SA, and some new policies introduced in the planning area to support the desire for better infill development in the Adelaide Metropolitan area.

I'm looking forward to some warmer days soon!

Ed - Michael



Mount Bold Reservoir

Mount Bold Reservoir, situated between Clarendon and Kangarilla in the Adelaide Hills, is the largest reservoir in South Australia. The reservoir is surrounded by over 5 550 hectares of beautiful bushland. Although access is not available to the dam wall at the moment, due to upgrades, lookouts and trails still remain available for public access.

Besides the beauty, why would this interest a surveyor? It is important that each dam structure is assessed and monitored to ensure that the dam wall and surround structure remains sound. This type of assessment is called a Dam Deformation Survey. It is repetitive surveys that measure from known points to other known points on the wall with a high-level of accuracy. This work is completed by a surveyor using a high precision Total Station.

The picture attached is of a monitoring pillar at Mount Bold Reservoir used as a known point. What a view from this vantage point!

Monitoring, completed systematically with precision accuracy ensures that these important structures do not pose a threat to the environment or communities downstream.



COMPETITION TIME

Can you find a 10 digit number where -

the first digit is how many zeros in the number and the second digit is how many 1s in the number?

Think you might know?

Contact our Admin Team with your answer and they'll send you a prize for joining in the fun!

Visit the **Michael Gear Surveys** website for more information and past issues of **The Survey Datum** @ www.mgsurveys.com.au

Quote

..... Only a life lived for others is a life worthwhile

- Albert Einstein



An Answer to Housing Crisis

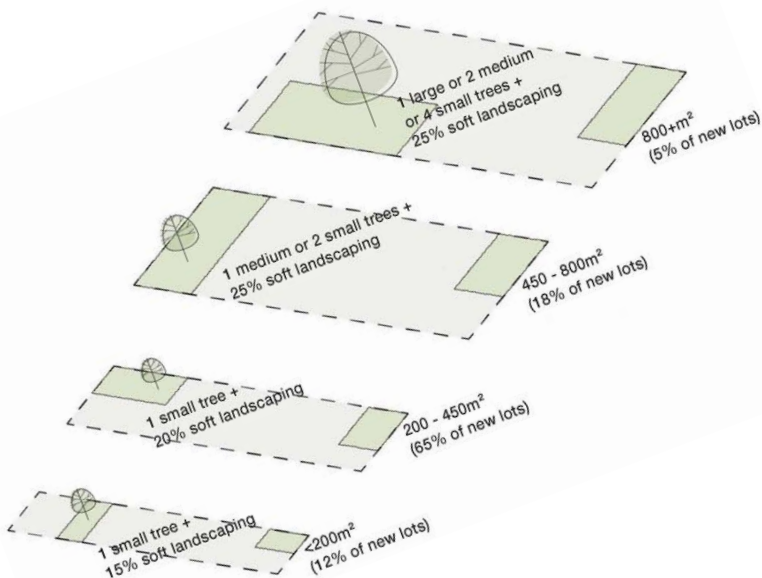
Infill development, (development on existing built-up sites), is the single largest provider of new housing in Greater Adelaide, with a projected net annual increase of approximately 2500 residential dwellings.

Earlier this year, Planning SA released its "Raising the Bar on Residential Infill" policy. As the title suggests, the aim of this policy is to ensure that developments are completed with a broad vision of the whole development - street scape, pedestrian access, protection of valuable farming and environmental land.... in lay terms, let's do it better.

One of the four key themes of improved infill development is landscaping and trees.

The requirements include:

- mandatory tree planting in urban infill areas to ensure at least one tree is planted per new dwelling. (There is an option for payment into an offset fund, where tree planting is not feasible on-site.)



- Soft Landscaping - Minimum soft landscaping of 10-25% over the whole site - With a percentage of soft landscaping in front yards of low-rise housing established at a minimum of 30% and garden beds to be at least 0.7m width to ensure area is viable for plant growth.

So be prepared next time you are looking to re develop a site, these new rules will impact decisions you will make.

Contact Michael Grear Surveys further discuss your land surveying project.



History to be Found

Are you a History Enthusiast? Very soon you'll be able to view what is believed to be the earliest surviving government record created in South Australia.

The survey field book, Field Book 73, was recently re-discovered in the archives at the office of the Surveyor-General. The field book belonged to Assistant Surveyor, Boyle Travers Finniss who later became the first Premier of South Australia. This field book journals the first months following his arrival in South Australia in September 1836. Finniss was one of the first British settlers and part of the initial surveying team in South Australia.

Field Book 73 is one of a number of historic documents identified as significant to South Australia. They are currently being transferred from the Office of the Surveyor-General to State Records for safe keeping and to allow others to view them on request.

The Colonial history of South Australia is not always easy to reconcile as we acknowledge the original owners of this land. With this in mind though, it is important to look at this part of history as the moment in time that it was to enable healing and reconciliation.

Scanned images of the surveyors' field books are available free of charge from the South Australian Integrated Land Information System (SAILIS).

Answer...



BRAINTEASER -

2022 Summer Edition

How do you cut a circular cake into eight equal pieces with only three cuts?

Cut the cake in half horizontally (leaving cake intact) then 2 cuts to make quarters from above

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