

Engineering Surveyors, Civil Design and Drafting

3 Marlow Road
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Flinders Park SA 5025
tcs@tcsurveys.com

ABN 12 154 678 008
ACN 128 447 110



Background

Total Construction Surveys Pty Ltd was contracted by Masters Swimming SA to determine the lengths of each of the seven swimming lanes at the Gawler Aquatic Centre, Victoria Terrace, Gawler. A check of the depths of these lanes was also required to confirm that the pool has a minimum depth of 1.00m.

Survey

The survey was undertaken between 2:30pm and 3:30pm on Monday, 3 November 2014.

At the time of survey only two people were in the pool. The water was calm.

The length of each lane was measured approximately 0.05m above the water level against the face of the tile using reflectorless survey techniques.

The alignment of each survey point was directly above the centre of the lane line marking.



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Results

The lengths of the lanes of the pool are as follows:

Lane 1 - 50.319m

Lane 2 - 50.312m

Lane 3 - 50.309m

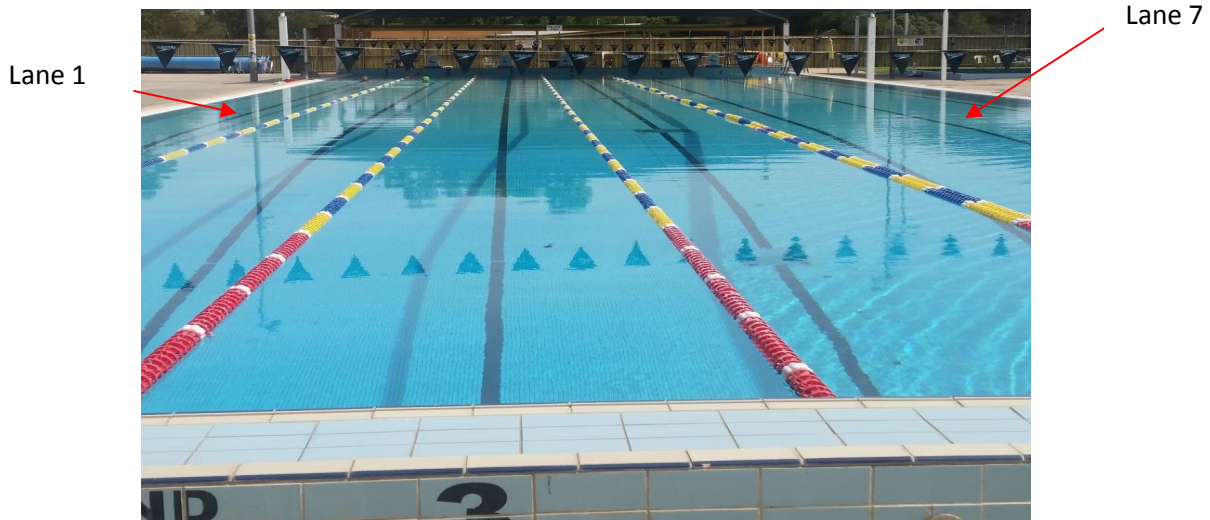
Lane 4 - 50.312m

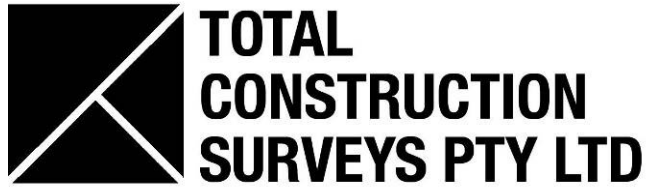
Lane 5 - 50.310m

Lane 6 - 50.310m

Lane 7 - 50.325m

For the purpose of this survey, Lane 1 is the easternmost lane, closest to Victoria Terrace. Lane 7 is the westernmost lane, closest to the North Para River.





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Depths

The minimum depth of the pool was found to be 1.30m in the south eastern corner, closest to Lane 1.



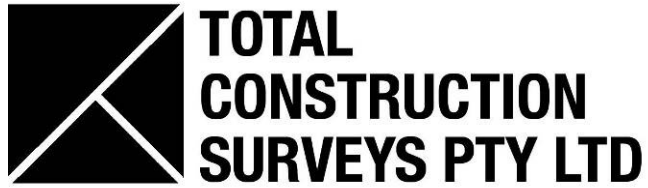
Depth 1.30m



Depth 1.345m



Shallow End

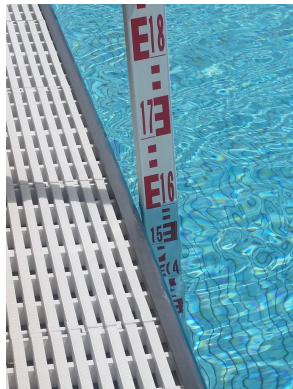


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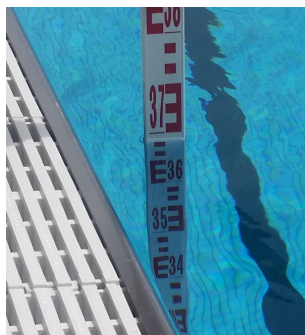
Depth 1.61m

(22.45m from sthn end)



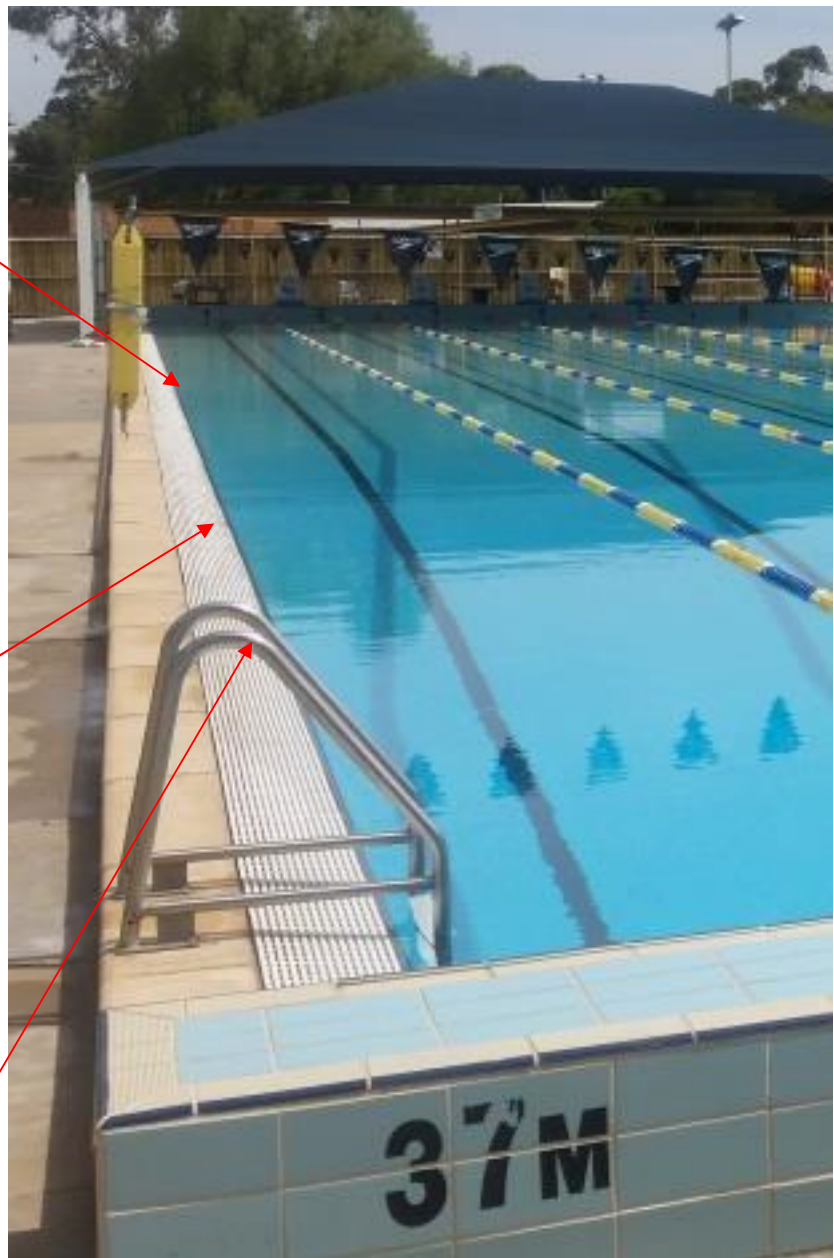
Depth 1.745m

(33.43m from sthn end)

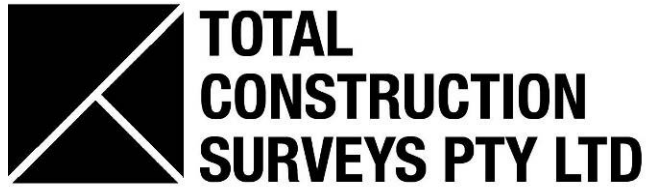


Depth 3.695m

(42.30m from sthn end)



Eastern Side



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Depth 1.605m

(22.32m from sthn end)



Depth 1.795m

(33.66m from sthn end)

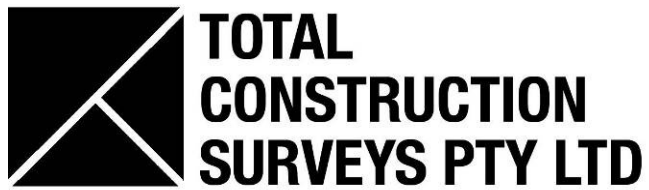


Depth 3.755m

(42.53m from sthn end)



Western Side



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Depth 3.740m – cnr Lane 1



Depth 3.73m – cnr Lane 7



Deep End