



Mace Engineering Services

Email: admin@maceeng.com.au
Website: www.maceeng.com.au
Phone: (08)88421242
Mobile: 0409091160

ABN: 89615046930
6 Lennon Street
P.O. Box 156
Clare SA 5453

THE VALLEYS LIFESTYLE CENTRE SWIMMING POOL DIMENSIONS THE VALLEYS LIFESTYLE CENTRE, 180 MAIN NORTH ROAD, CLARE CLARE & GILBERT VALLEYS COUNCIL

1. BACKGROUND



Photo 1 – The Valleys Lifestyle Centre swimming pool.

Mr Gary Easthope, the Asset Manager at the Clare & Gilbert Valleys Council, has requested that Mace Engineering Services determine the dimensions of The Valleys Lifestyle Centre's swimming pool, in preparation for the upcoming 22nd Annual SA Masters Games. The Games

are to be staged from the 24th to the 27th of March 2017, and The Valleys Lifestyle Centre is to host the swimming events.

2. SWIMMING POOL DIMENSIONS

The swimming pool was inspected at 9:30am on the 1st of March 2017. Mr Easthope was present at the beginning of the inspection to outline the Council's requirements pertaining to the dimensions of the pool. The length, depth and width of the pool were required at several locations as marked on the aerial image in Photo 2 below. Levels were taken at the coping and at the base of the pool at each of the locations marked below in order to determine the depth at each point. Where applicable, the raised plinth at the ends of the pool were also measured. The levels were taken using an automatic dumpy level.

The pool consists of 8 lanes, with an access ramp running along the south western side of the pool. A raised plinth runs along the north western and south eastern sides of the buildings, with connection points for starter block to be fixed to the top. This plinth was measured as being 1.01m wide and having an average height of 0.303m high (heights varied from 0.301 to 0.305m).

The pool depth at each location is shown in Table 1, along with the overall dimensions of the pool. These overall dimensions were measured from wall to wall along the length of the pool, and from the north eastern wall to the internal side of the access ramp across the pool's width using a tape measure.

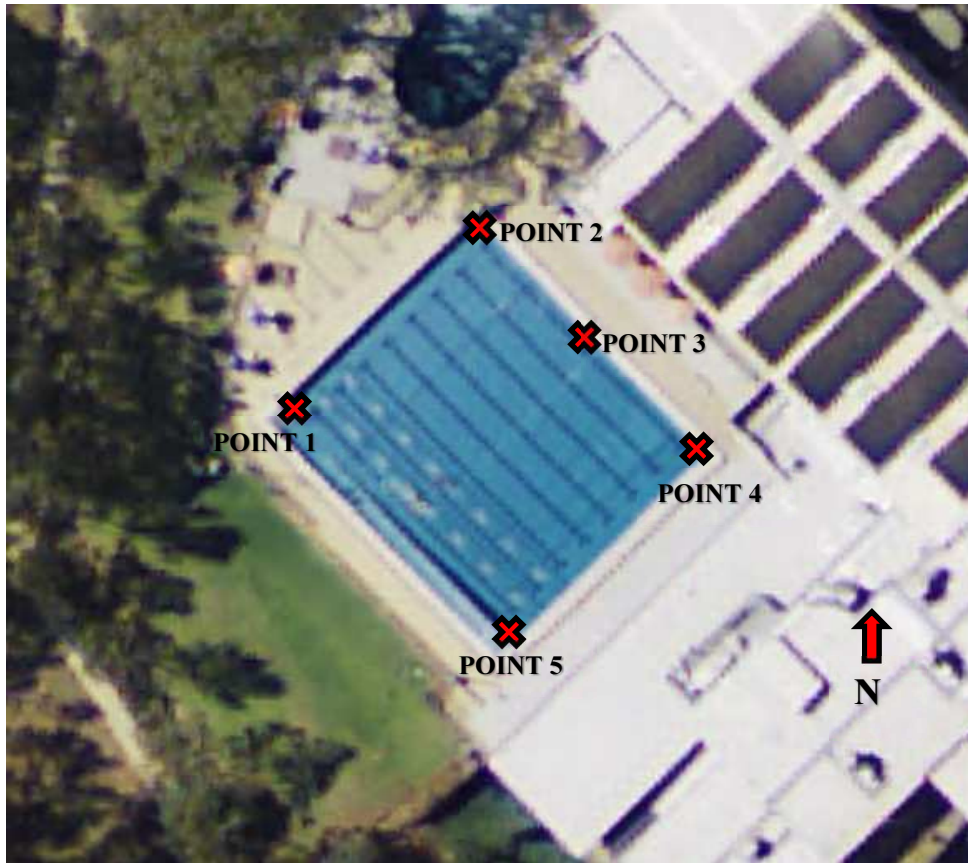


Photo 2 – Aerial image of The Valleys Lifestyle Centre’s Swimming Pool.

| POINT | DEPTH |
|---------------------------|--------|
| 1 | 1.05m |
| 2 | 1.06m |
| 3 | 1.47m |
| 4 | 1.91m |
| 5 | 1.90m |
| OVERALL DIMENSIONS | |
| Length | 25.00m |
| Width | 20.47m |

Table 1 – Swimming Pool Dimensions.

If you have any questions, please contact me.

Michelle Verco

Michelle Verco
DIRECTOR
 1/03/17

MIEAust, CPEng