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Rainwater Tank Specifications

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All Coolamon Concrete Tanks are built to the highest specifications and are fully Engineer Designed.

At the very minimum our Tanks are designed to comply with the relevant Australian Standards which include:

AS3600 - Concrete Structures, AS1379 – Ready Mixed Concrete, AS1302 – Deformed Bars, AS1304 – Welded Fibre Fabric, AS3610 – Formwork for Concrete,

AS3735 – Concrete Structures Retaining Liquids

We have many different Tank designs from the basic passenger vehicle load, to a super heavy duty W8 (8 tonne per wheel) load. We can have a Tank designed to meet any load requirements or specific uses.

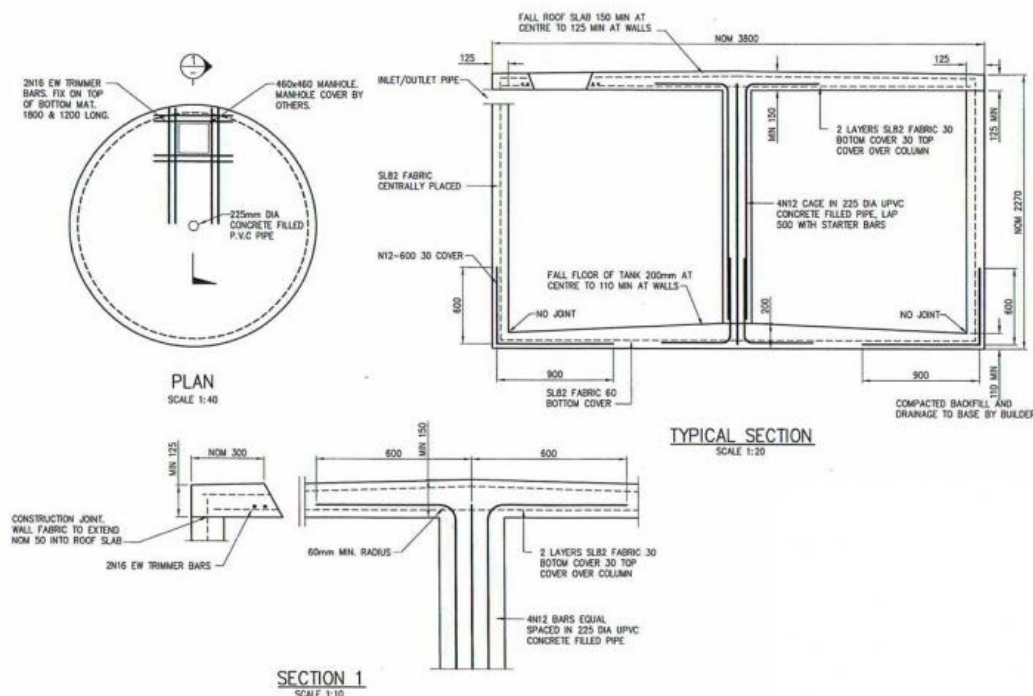
Because of the proprietary information contained in our Engineer Drawings they are not published on this website, however, we are happy to supply our full Engineer Drawings upon request.

Below is a brief outline of a 20,000 litre, 30,000 litre, 45,000 litre and 90,000 litre Coolamon Concrete Tank.

20,000 LITRE TANK

Diameter: 3.8m height 2.27m

Materials Used: 32 mpa vibrated concrete, 125mm walls, F82 steel mesh in walls and floor and double layer of F82 steel mesh in lid, 1 x 225mm concrete filled pier supporting the lid (Engineered to carry vehicular load) wall and floor steel tied in with Y12 bar.



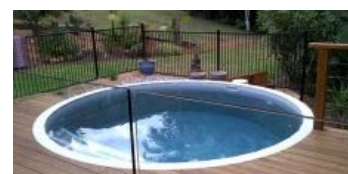
30,000 LITRE TANK



Rural/Farm Tank installation

Four of our 90,000 litre Tanks being constructed for a Primary...

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Just for fun! Our 20,000 Litre Tank used as a pool

Here we have built our 20,000 litre tank, without a lid,...

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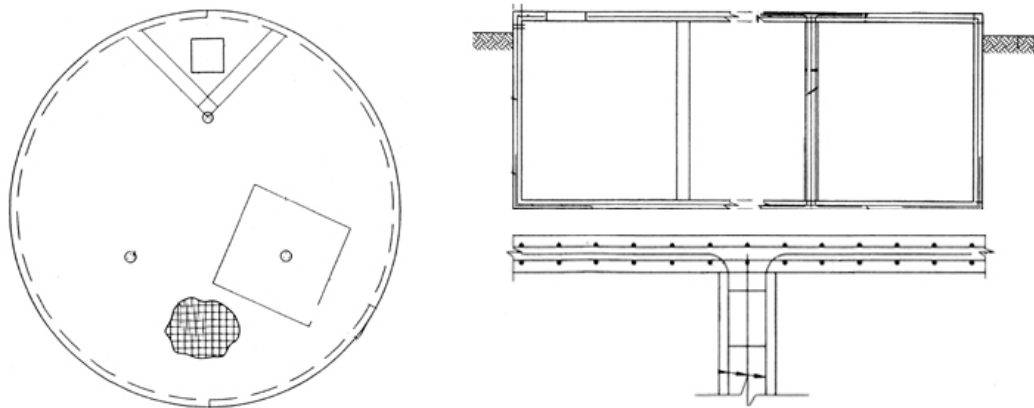
Various entries to our "Ugliest Water Tank Competition"

Recently Coolamon Tanks held a competition in the Coffs Coast Advocate....

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Diameter: 4.6M **Height:** 2.27M

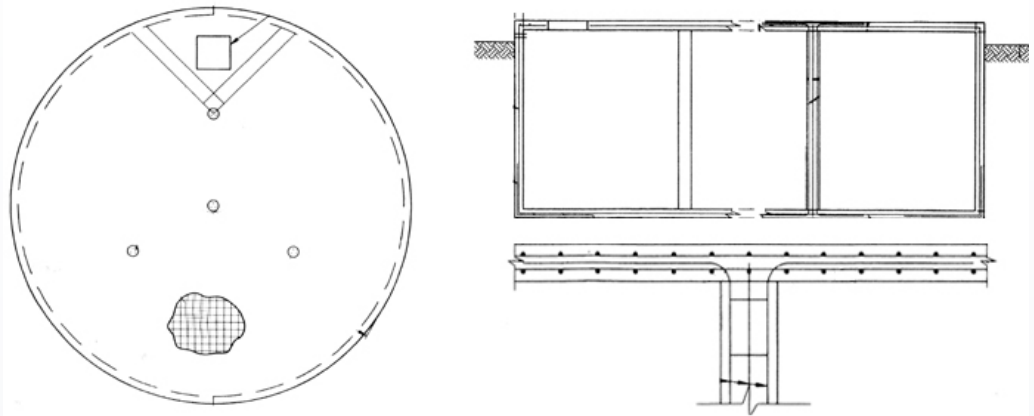
Materials Used: 32mpa vibrated concrete, 100mm thick walls, F82 steel mesh in walls and floor and double layer of F82 in lid, 3 x 150mm concrete filled piers supporting lid (Engineered to carry vehicular load) wall and floor steel tied in with Y12 bar



45,000 LITRE TANK

Diameter: 5.55M **Height:** 2.27M

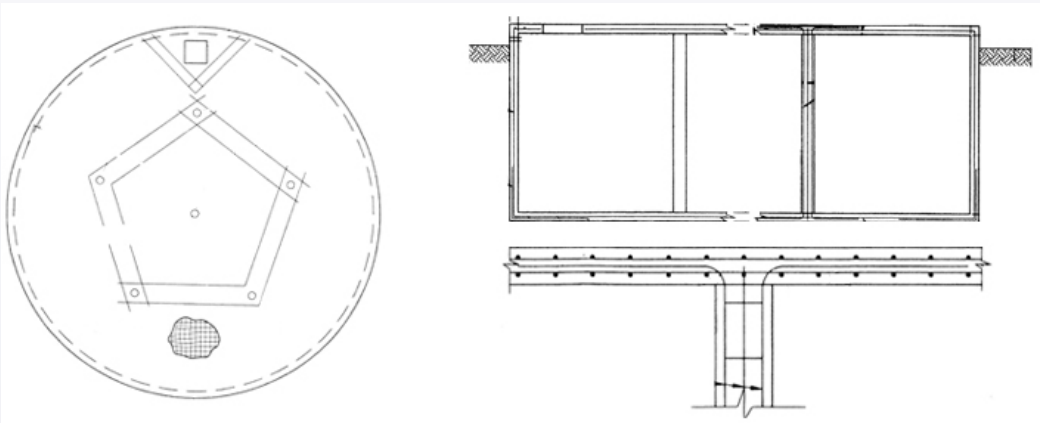
Materials Used: 32mpa vibrated concrete, 125mm thick walls, F82 steel mesh in walls and floor and double layer of F82 in lid, 4 x 150mm concrete filled piers supporting lid (engineered to carry vehicular load) wall and floor steel tied in with Y12 bar



90,000 LITRE TANK

Diameter: 7.75M **Height:** 2.27M

Materials Used: 32mpa vibrated concrete, 125mm thick walls, F82 steel mesh in floor and double layer of F82 in lid, F818 used in walls, 6 x 150mm concrete filled piers (225mm piers used if vehicular load is required) wall and floor steel tied in with Y12 bar.



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