LOCATION
Kalumburu, Western Australia

CLIENT
Builder: Kimberly Green Constructions
Pool Partner: MCH Solutions

CATEGORY
Construct

FEATURES
Prefabricated Stainless Steel Pool

Kalumburu Community Pool

A remote and special community required an equally special community pool. Collaboration was the key to success in this extraordinary project.

Located 3,670km from Perth the Indigenous community of Kalumburu is considered one of the most remote Aboriginal communities in Australia. The prefabricated stainless steel pool allowed for rapid construction in the harsh Western Australian climate.

The challenging and unique outback terrain of the site coupled with the remoteness of the community ensured innovation and new ideas were explored to get the pool built quickly, while still ensuring the long term integrity of the structure and systems. Primary Contractor Kimberley Green Constructions, MCH Solutions and Hydrilla collaborated to create a pool which will satisfy all the conditions of the community and ensure they have a valuable community asset for a long time to come.

A specialist team efficiently welded the panels together on the pre-built concrete slab, to form a watertight structure. Made from corrosion-resistant and easily maintained stainless steel, the pool is strong with a system of supporting structural 'buttress" to ensure the pools stability with or without water. The strength of the stainless steel structure was an additional consideration in the cyclone prone region.

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KALUMBURU COMMUNITY POOL

The design of the facility features a main pool area, 25m x 6 lanes, as well as a smaller toddler pool with beach entry for inclusive access. A brightly coloured mushroom water feature provides additional enjoyment for the younger children in the community.

Time on site to construct the pool was 20 days and a further 7 days to finish the pool with water line tiles and commercial grade PVC Liner. This finish option was selected to ensure fewer issues with the pool finish. Unlike tiles the commercial grade liner is able to flex and move with the pool, a desirable quality in the harsh outback environment. Additionally the liner can be recycled when a replacement is fitted in the future.

The Kalumburu pool is managed by the Department of Communities and Royal Life Saving WA, it provides educational, health and social benefits to the residents of the Kimberley community.

For further details on our work in Indigenous communities please see our white-paper HERE

Video of the completed pool can be viewed on our YouTube Channel HERE

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