



CASE STUDY



Custom Shelters, Family Fun Park, Mount Isa, Queensland



landmarkpro.com.au | 1300 768 230

BRISBANE | SYDNEY | MELBOURNE | ADELAIDE | PERTH | AUCKLAND



Case study details

Customer:	Mount Isa City Council
Product:	Three groups of custom shelters
Location:	Mount Isa Family Fun Park, Church Street
Installer:	Local contractors
Ref No:	31690

Overview

Big just got bigger and better.

Landmark pitched in with a stunning set of custom shelters to make Mount Isa's Family Fun Park even bigger and better.

Featuring unique laser cut aluminium roofing, the three sets of custom shelters were part of a \$840,000 upgrade of the park, which was already Queensland's largest all abilities playground.

Opened in 2009, the original park cost over \$4.25 million to design and build and offered locals and visitors alike the perfect facility to play, relax and enjoy.

The latest upgrade, completed in early 2018, was funded partly from the Works for Queensland program, and included new play equipment, soft fall upgrade and renewal, cycle track upgrades, new seating, tables and landscaping, and closed-circuit TV.



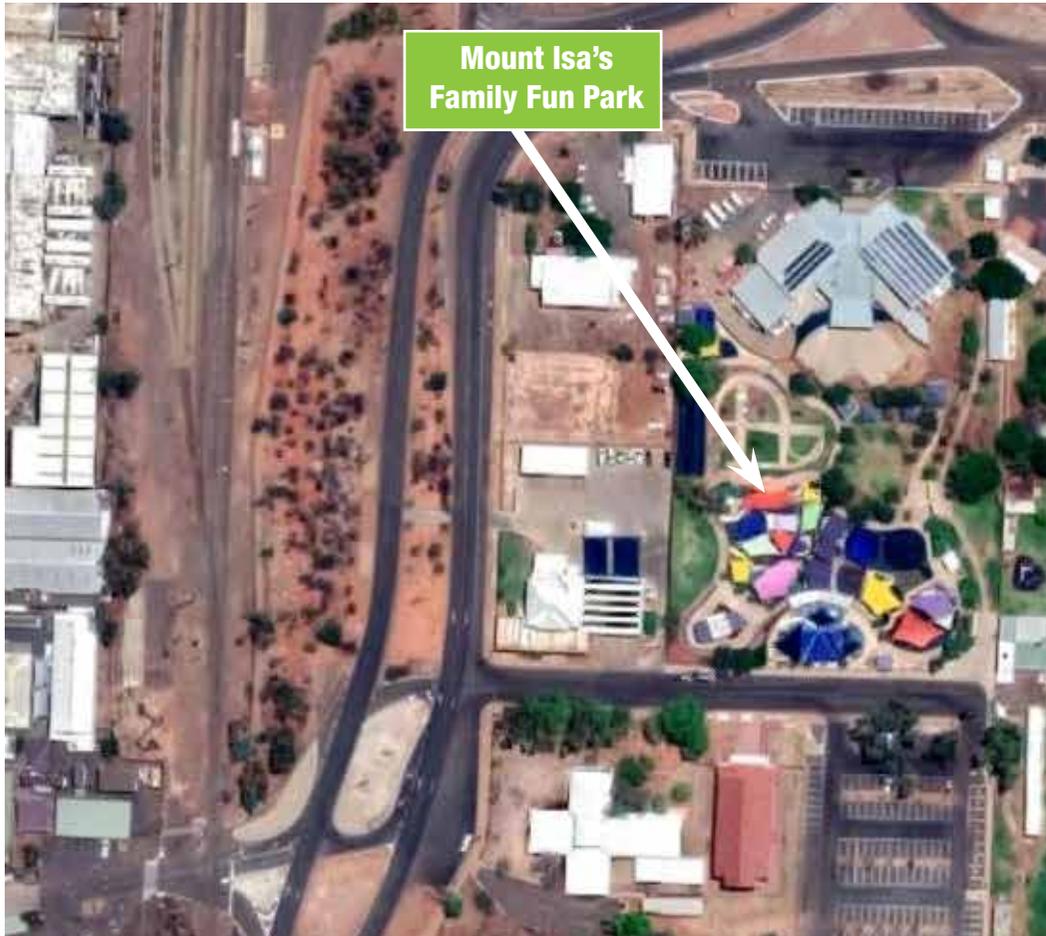
Park summary

The Family Fun Park is located on the outskirts of the township not far from the copper smelter, an aquatic centre, and sporting fields.

It is the venue for numerous community events such as New Years' Eve celebrations.

The Family Fun Park is built to be accessible to everyone, regardless of their level of ability or movement and to have something for everyone, regardless of their personal interests.

On a hot summer's day in the Isa, the car park of 200 spaces is typically full with locals seeking some fun at the water park which features 20 different installations and uses recycled water, sounds and lights.



Three distinct sets of shelters

Landmark designed and manufactured three sets of shelters, which were delivered on-site in kit-form, and later installed by local contractors.

The curved steel walkway shelter is supported by five hot-dipped galvanised steel columns, bolted-below the slab.

Landmark also supplied a set of custom skillion roof shelters, and a shelter for the sensory garden, consisting of two outside cantilevered shelters with a centre section covered by a mill-finished aluminium laser cut roof.

Landmark's design team worked with Mount Isa City Council throughout the process. First concepts were given to Landmark for the design team for the curved and four posted shelters, and Landmark designed the cantilevered shelters from scratch.

After the shelters were installed, it was discovered that one post within the nested shelters obstructed one of the playground components. The council asked Landmark if the post was able to be safely removed without sacrificing the integrity of the structure.

This was confirmed as possible, through consulting Morgans, and was performed without fuss.

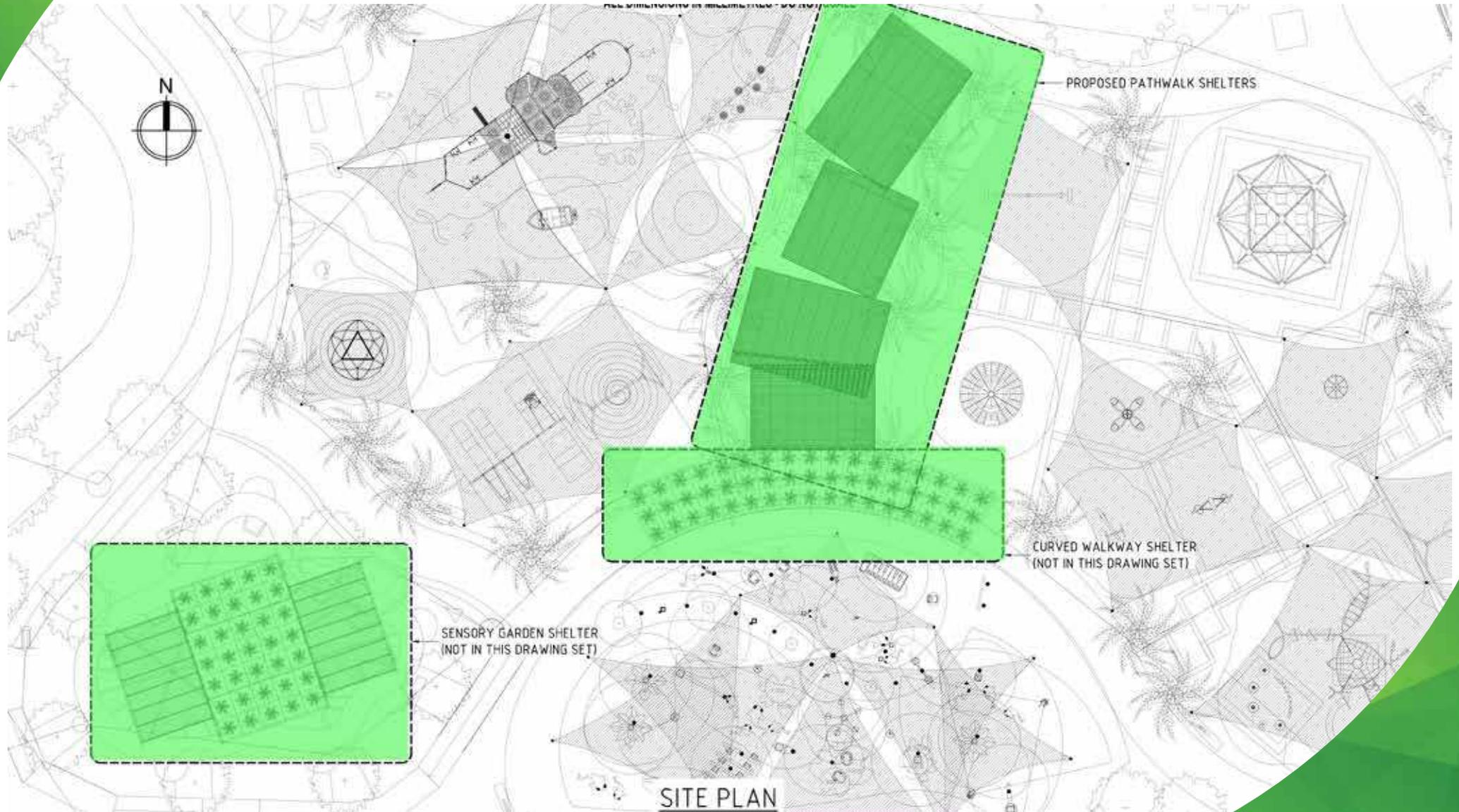


Original concept of curved and nested shelters, supplied by the Mount Isa City Council.

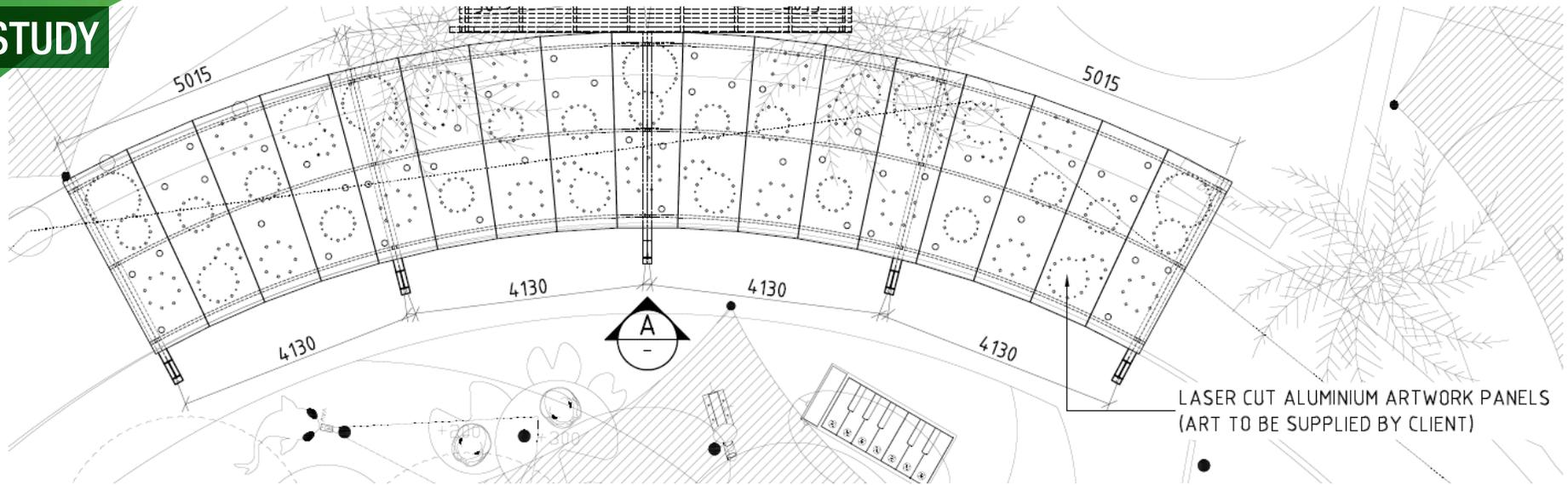


Concept becomes reality.

Below: The green areas of the Mount Isa Family Fun Park represent the three separate shelters manufactured and delivered by Landmark. The council supplied the original concept for the curved walkway and the pathway shelters, with Landmark designing the Sensory Garden Shelter.



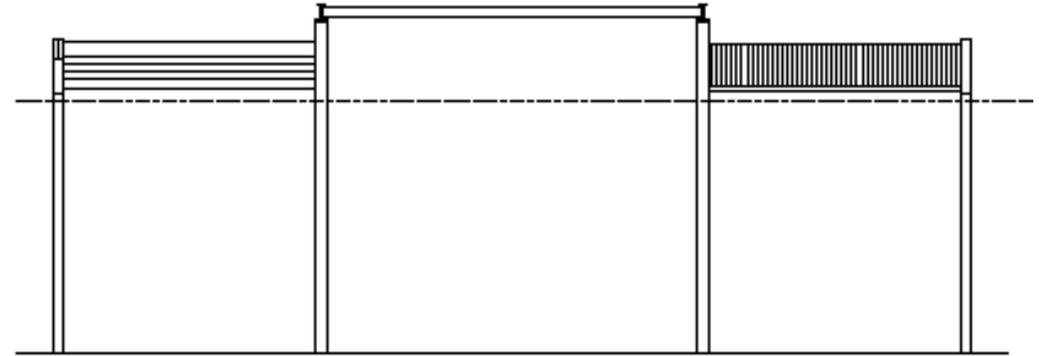
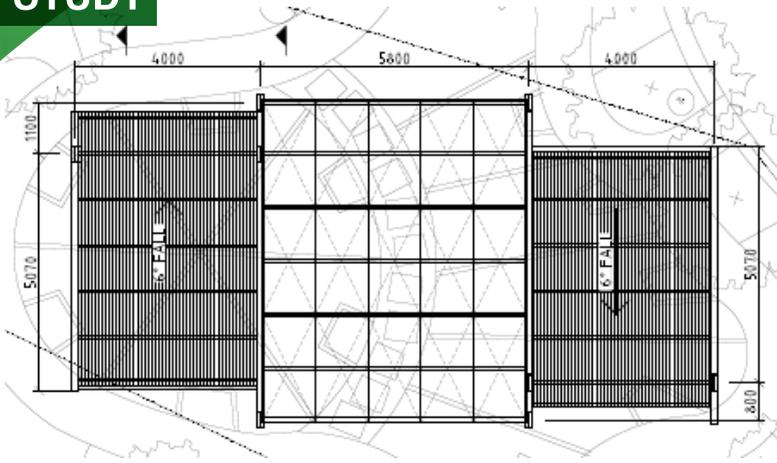
CASE STUDY



THE PRODUCT DETAILS

Product	Custom curved steel custom walkway shelter
Dimensions	Approx. 20 metres x 5 metres
Materials	Hot-dipped galvanised roof frame and posts, mill finished, aluminium roof panels
Finishes	Laser-cut roof panels
Fixings	Bolt below posts, Landmark's stainless steel anti-vandal fastening system, all remaining brackets and fixings galvanised steel
Engineering	Kit form, footing design and set-out plan, engineer certified, building application drawings, and installation instructions.

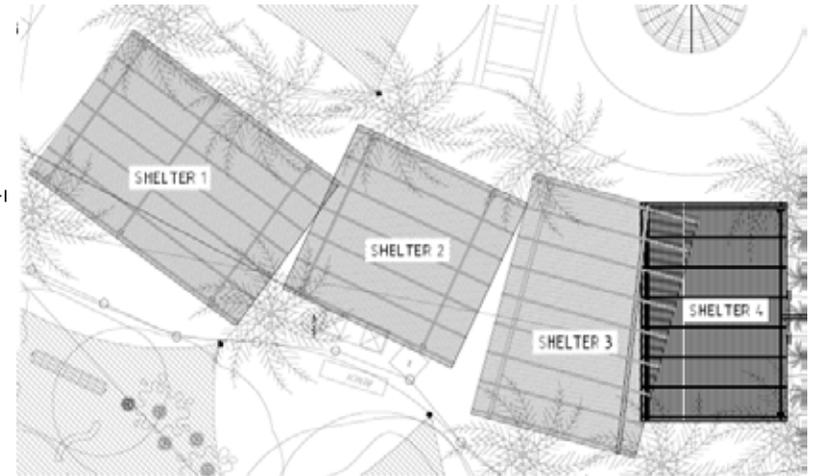
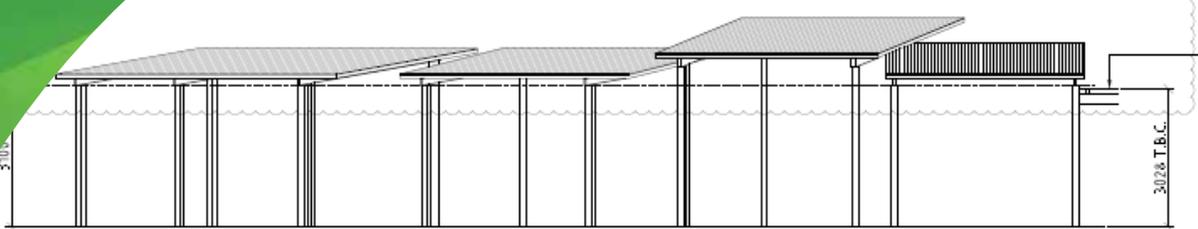
CASE STUDY



THE PRODUCT DETAILS

Product	Two custom outside cantilevered rooves shelters for Sensory Garden
Dimensions	Combined - 13.5 metres x 6 metres (approx)
Materials	Hot-dipped galvanised roof frame, rafters, purlins and posts, mill finish aluminium roof panels with pre-cut Colorbond custom orb roof sheeting (XRW grade)
Finishes	Laser cut aluminium roof sheets, Colorbond - Deep Ocean.
Fixings	Bolt below posts (one removed upon customer's request later), Landmark's stainless steel anti-vandal fastening system, all remaining brackets and fixings galvanised steel
Engineering	Kit form, footing design and set-out plan, engineer certified, building application drawings, and installation instructions.

CASE STUDY



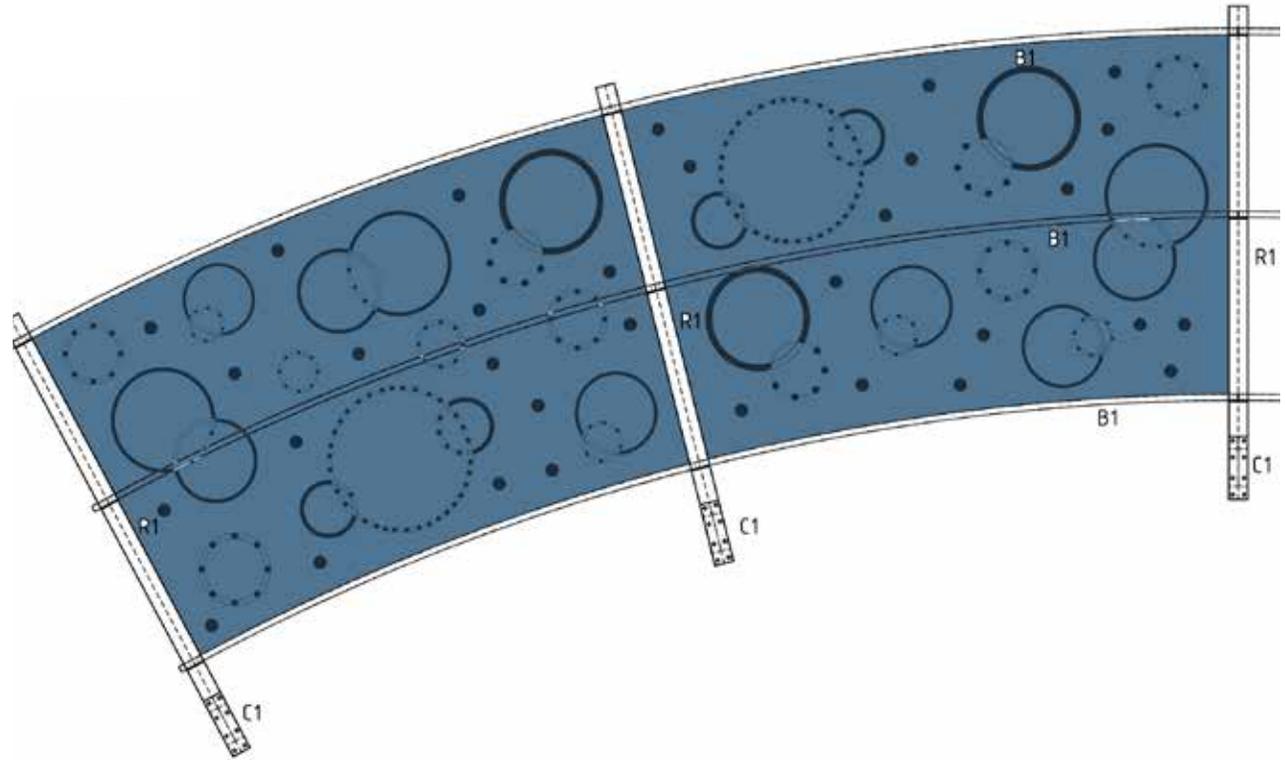
THE PRODUCT DETAILS

Product	Custom set of four skillion pathway shelters
Dimensions	Shelter 1 - 7.7m x 5.3m; shelter 2 5.6m x 5.4; shelter 3 5.1m x 7.4m; shelter 4 4.4m x 6.5m
Materials	Hot-dipped galvanised roof frame, posts, rafters and purlins; pre-cut Colorbond custom orb roof sheeting (XRW Grade)
Finishes	Roofing - Deep Ocean.
Fixings	Total of 18 bolt below posts, Landmark's stainless steel anti-vandal fastening system, all remaining brackets and fixings galvanised steel
Engineering	Kit form, footing design and set-out plan, engineer certified, building application drawings, and installation instructions.

Laser-cut roof shines

Once the Council were happy with the laser-cut roofing design (which they designed internally), these were imported into the CAD drawings of the appropriate shelter. Each sheet of aluminium roof paneling was individually rendered in CAD, and then sent to Landmark's laser cutting partners to work their wonders.

As with all Landmark shelters, all plans were submitted to engineering partners Morgans, to be certified.



Comments from Mayor

Mayor Cr Joyce McCulloch said the total upgrade works took several months to complete, but the investment of time and money was worth it.

“The Fun Park was already one of the best and largest all abilities playground in Queensland, but we have managed to step it up a few notches,” Cr McCulloch said.

