

NEW TASMANIAN YOUTH JUSTICE FACILITY | LANDSCAPE DEVELOPMENT APPLICATION PACKAGE



WASTEWATER TREATMENT MOUNDS

PERIMETER ROAD

A compacted gravel perimeter road encircles the facility to allow for maintenance and emergency vehicle access. The compacted gravel surface has a feathered, rural-type edge and blends with the existing rural character.

GENERAL SECURE LANDSCAPE

General landscape zones accessible to Young People, incorporating activity spaces, sports and recreation zones. Landscape spaces are generally open, with long site lines and multiple paths of travel, interspersed with areas of low-level groundcovers and strategic tree plantings so as not to interfere with security measures.

STAFF PARKING AREA

Staff parking area with large areas of soft landscaping to soften impact of asphalt areas. Tree plantings provide shade to vehicles and pavements.

CULTURAL LANDSCAPE

The cultural space offers an area of landscape for young people to engage in cultural practices and maintain cultural connections with family and community during their stay at facility.
Note: the design space will be developed in conjunction with community.

VISITS AREA

The visits landscape creates an organic connection between the entry building and the visits and cafe building. Meandering paths create opportunities for gathering spaces of various sizes and levels of privacy for small gatherings of family groups.

VISITOR PARKING & DROP-OFF

The visitor parking area is the first and most visible parking area for someone entering the site, assisting with way-finding. Once parked or at the drop-off area, visitors are guided to the main entry via a dedicated entrance landscape.

SITE BUFFER PLANTING

Site buffer planting to shelter development from views to and from Midland Highway. Dense planting of Tasmanian native tree, shrub and grass species.
Note: portions of this perimeter planting design has been prepared by others - refer also Inspiring Place document 24-38 L300 Planting Plan.

STORMWATER ZONE

Stormwater detention and bioretention basins

PADDOCKS

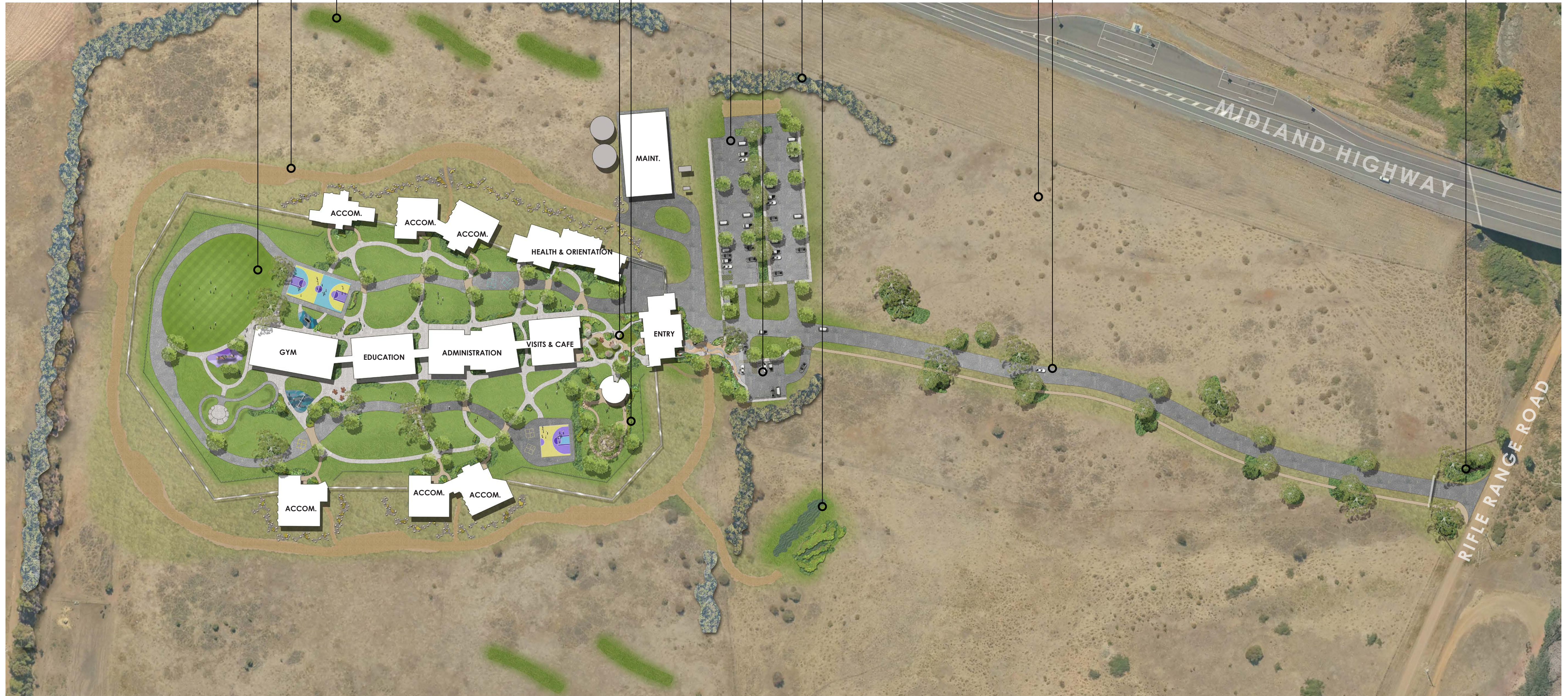
Undeveloped areas of the site to remain as pasture for horses or other livestock, separated from the facility with rural-style fencing.

ENTRY ROAD

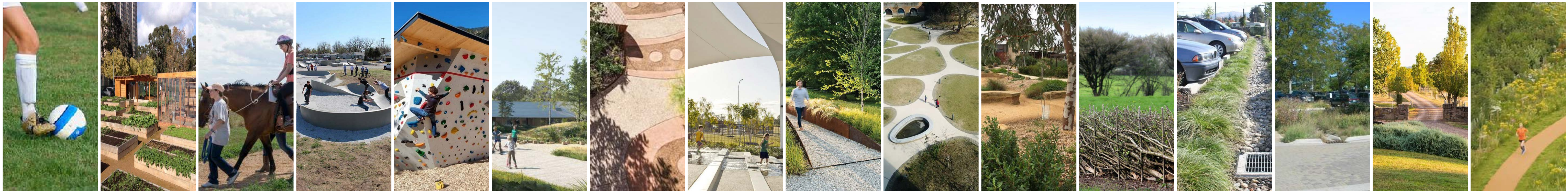
The entrance road meanders through existing paddocks and is softened with periodic low-level soft landscaping and strategic tree plantings. A pedestrian pathway is off-set comfortably from the road edge to allow staff or visitors to enter from the main gate on foot or by bicycle.

SITE ENTRANCE

The access-controlled entry to the site is set back from the road to facilitate vehicles pulling-in and awaiting entry. This recessing from the road allows the entry zone to sit comfortably within it's rural context, and allows for areas of soft landscaping to flank the entry, as well as allowing the primary fence line to be maintained as a rural-style post-and-wire fence.



LANDSCAPE OVERVIEW



LANDSCAPE 'LOOK & FEEL' PRECEDENT IMAGERY





DRAWING KEY

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|--|---|--|---|--|--|---|---|
| 1 Entry road from Rifle Range Road. | 5 Visitor dropoff zone and entry landscape. Pavement design leads staff and visitors to the main entry with contrasting textural pavements and inlays that carry through and connect to the visitors landscape. | 10 Compacted gravel pedestrian access-ways to accommodation building plant and equipment. Pathways and building edges protected from hostile or unwanted vehicle approach with areas of landscape boulders within gravel aprons for ease of maintenance. Occasional small plantings to gravel areas soften the visual impact and create for interesting outlooks from accommodation buildings. | 13 Grassed stormwater detention basin and planted bioretention basin for treatment of carpark surface water. | 18 Sports and general-purpose oval nominally 60m x 40m | 23 Fixed bicycle pump track. The pump track straddles the fire access road to create a highly flexible loop and to break down the asphalt materiality of the roadway. | 28 Section of mesh fence to prevent balls running away from basketball court into adjacent landscape. | 34 Firefighting water tanks. |
| 2 Landscape screening (by others) | 6 Seating zone adjacent to visitor dropoff zone. | 11 Mowed grass area creates 'sterile' landscape buffer between internal landscape 'fence line and secure perimeter fence. | 14 Internal asphalt fire-access road with passing bays to suit fire appliances. | 19 Internal courtesy fence delineating 'out of bounds' sterile zone. | 24 Small shelter for outdoor bike maintenance associated with pump track. | 29 Painted four-square courts at widened sections of fire-access road. | 35 Backup generator location. |
| 3 Compacted gravel pedestrian footway from main gate at Rifle Range Road. | 7 Staff, transfers and emergency services vehicles-only zone. | 12 Cultural garden with various gathering spaces and a planting palette focused on bush tucker and cultural-use plantings to facilitate cultural teaching and learning. | 15 Asphalt basketball court with coloured court-paint design. Basketball court also forms part of fire appliance passing and turning spaces. | 20 Bouldering structure in softfall area. | 25 Multi-bay swing in trowelled rubber softfall area. Swings positioned for easy egress from education spaces for use as a regulation zone but not so close so as to cause distractions. | 30 Large in-ground trampoline with trowelled rubber softfall surround. | 36 Informal division between main outdoor spaces and admission / visits zone created with planting. |
| 4 Plain concrete pathway connecting carparking to main entrance landscape. | 8 Gravel parking overflow area. | | 16 Entry garden spaces to accommodation buildings with planting design to create individual character to each house. | 21 Mixed native screening planting - trees, shrub and grasses planting layers to match other perimeter planting (by others - see Item #2). | 26 Skate bowl and grinding wall incorporated in central area of pump track. | 31 Potential public art locations. | 37 Secure staff bike parking structure. |
| | 9 Compacted gravel perimeter road, with passing zones for firefighting appliances. | | 17 Concrete path networks between buildings, incorporating contrasting concrete nodes where pedestrian paths cross the internal fire-access road. | 22 Visits landscape space with organic path network creating multiple paths of travel and shaping various-sized outdoor seating and gathering spaces for young people to interact with family. | 27 Informal division between main outdoor spaces and cultural zone created with planting. | 32 Visits area sculptural shade structures. | |
| | | | | | | 33 Waste water treatment area beyond. | |



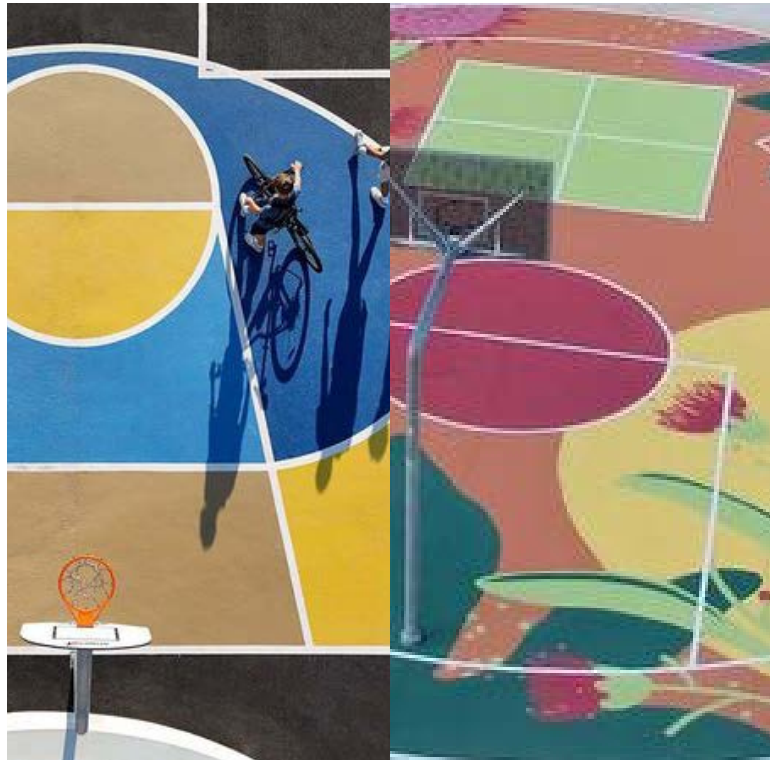
PATH NETWORKS

In response to the large amount of path network required to connect the various buildings, as well as providing multiple paths of travel, the material strategy for the path networks focuses primarily on the intersection of paths. At major path intersections changes in material assist in providing visual relief, and announce widening or converging of different paths. This strategy is carried across intersections of the internal fire access road where sections of the road convert from asphalt to vehicle-grade concrete to create a visual hierarchy where the pedestrian ways are seen as dominant, despite the vehicle access being a much wider corridor.



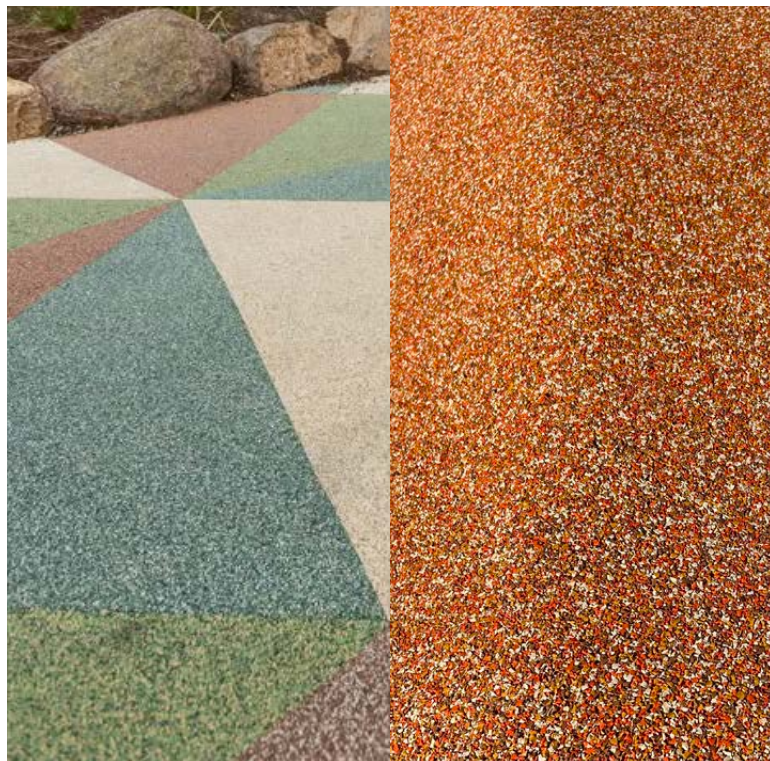
OUTDOOR BASKETBALL COURTS

Out door basketball courts are integrated with the internal fire road to assist in breaking down the visual continuity of the road while providing required fire-services turning and passing areas. The playing surfaces of the courts are to be finished with a coloured court paint, with options to create large-scale ground art in these spaces.



BOULDERING ZONE

The bouldering structure sits within a troweled rubber softfall zone, with the potential for patterning integrated with different rubber colours.



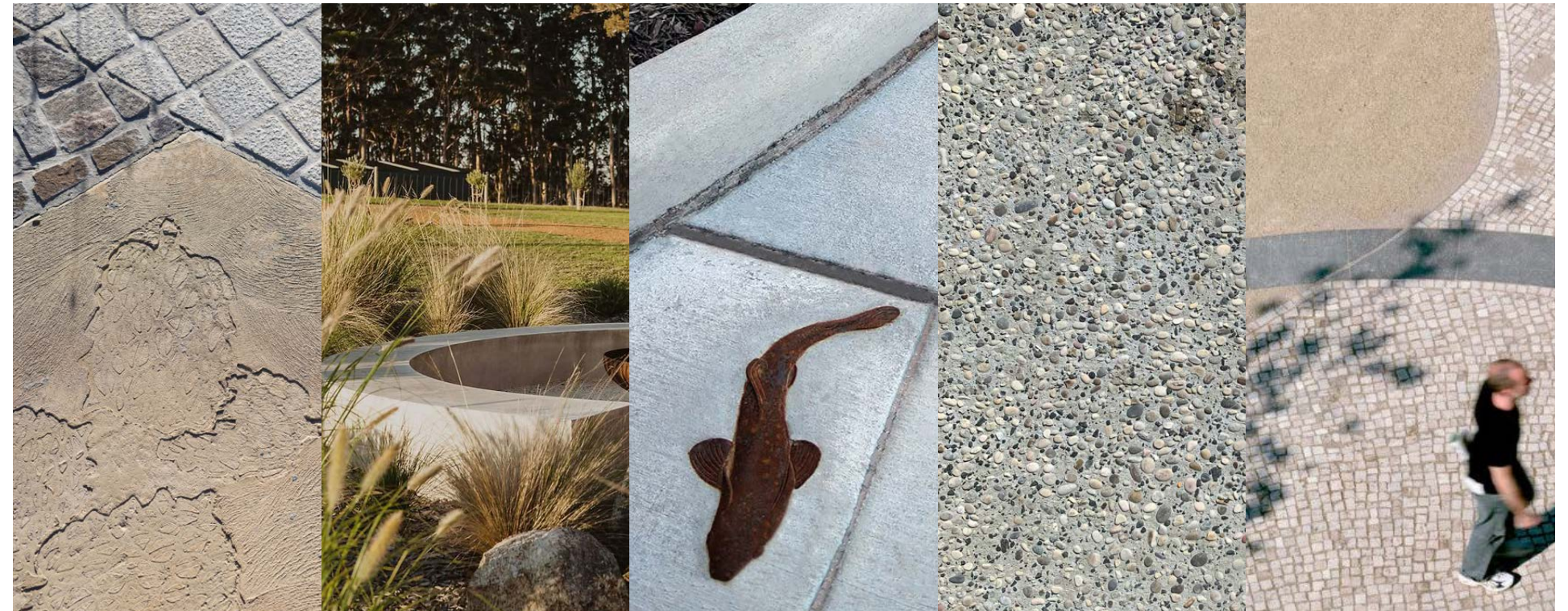
VISITS LANDSCAPE

The visitor landscape incorporates many of the textural elements of the Entry and Cultural landscapes, with contrasting pavements types, integrated art and warm and familiar materials creating a calm and welcoming space for visits. Areas of artificial grass under cover create high-wear spaces for sitting picnicking or outdoor games with family.



ENTRY LANDSCAPE

The visitor landscape material palette creates a soft and welcoming first-impression of the facility. The organic pavement design guides visitors and staff to the front door with materials that are warm and familiar.



CULTURAL LANDSCAPE

The cultural landscape incorporates areas of concrete pavement, stone paving and compacted gravel, with opportunities for integrated artworks, etchings and interpretive elements.

