



Fearon Park and Harold Long Reserve

DEVELOPED DESIGN



August 2015



Landscape Architecture & Urban Design



PROJECT AIM

The aim of this project is to create a well connected, multiuse, activated and safe public space which serves the local community through improved amenity functions, connections and consideration of Maori cultural values. It is envisaged that a well designed bespoke playground will become the main drawcard to attract people to the site, which will in turn, activate the area.



DESIGN PRINCIPLES

A SAFE PLACE TO BE

Safety and security will be improved in both Fearon Park and Harold Long Reserve and it is expected that all design proposals for the parks will help to improve the situation. Designs for all areas but in particular the play spaces are to take into account Crime Prevention Through Environmental Design (CPTED) principles to ensure that actual and perceived safety is not compromised.

A SUSTAINABLE DESIGN

Sustainability is a core principle for all designs. Ensure that concept and design detailing demonstrates best practice for sustainability principles including reduction and management of stormwater, rubbish and general resource efficiency.

A HIGH QUALITY PARK

Material choice and design detailing will be of high quality, robust, durable and resilient to day to day use and misuse. The design needs to provide a comfortable space for all park visitors and also address maintenance regimes as a key measure of success.

AN ACCESSIBLE SPACE

The whole of park should provide experiences for people with a range of abilities, including people with disabilities.

The design should consider:

- How people with a sensory or intellectual disability might use the space
- · Activities which are accessible 'front on' from a wheelchair
- Activities which encourage social interaction, allowing for all inclusive recreation
- Footpath connections between park areas and within the elements of the play space at ground level and elevated





Fearon Park and Harold Long Reserve Project Aim & Extent of Work

SCALE: NTS August 2015



DESIGN STRUCTURE - CIRCULATION AND ACCESSIBILITY



LEGEND

- Legal easement to access Roskill Districts Rugby Club. Vehicle access provided with a 3m wide concrete pathway.
- ← → Service access to tennis courts retained
- ← ─ → Service access to fields
- 3m wide Greenways Link
 - Universal access to selected play equipment

DESIGN STRUCTURE - SAFETY



LEGEND

- minimum Integrated fence along nature play space to buffer from road
- Removal of undergrowth and limbing up of existing trees to improve sightlines and remove areas of concealment
 - Lighting to entry, access roads and car parking areas (dawn until 10pm)
 - - Raised speed hump at greenways link crossing to reduce vehicle speeds
 - Space left open to increase visual connectivity of two reserves





Fearon Park and Harold Long Reserve

Design Structure

SCALE: NTS August 2015

JOB NUMBER: 3-AL 153.00

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DESIGN STRUCTURE - ACTIVITY



LEGEND



Sand play space including Embankment Slides with Climbing Holds, Sand Play Cubby, Sand Play Unit and Log Structures, and Sand Play Digger.



Nature play space including Rope Play Network to existing trees, Bespoke Tower Slides, grassed bank for rolling down, Net Seesaw, 6 Bay Swings and a Refurbished Carousel from the existing playground.



Youth courts including Reversible Basketball/Netball Hoops, Bimbo Swing, Dippy Disc and informal Leaner Seating.



Feature play space including 5.8m high Space Net and Trampolines with at grade rubber scooter and learn to ride crater rim track.

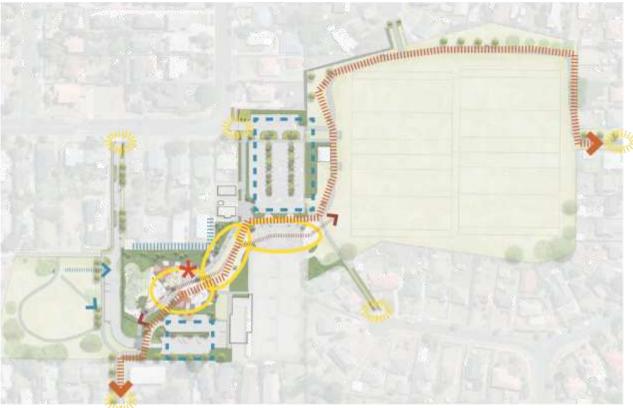


Picnic space with tables, shade trees, BBQ and informal recreation space.

Lookout pathway and integrated seating, captures views to Maungawhau and Big King.

Recreation Lawn, includes space for informal play.

DESIGN STRUCTURE - SPATIAL



LEGEND



Capture views to Maungawhau and Big King utilising existing trees and elevation change.



Sequence of active spaces which connects the two currently separated reserves.



Create planted buffer to messy edges



Create a play space which celebrates the site's volcanic setting



Create highly visible gateways



Create 'greened' car parks which reduce impacts on stormwater and are reflective of a park environment





Incorporate Greenways network





Fearon Park and Harold Long Reserve Design Structure SCALE: NTS August 2015

JOB NUMBER: 3-AL 153.00



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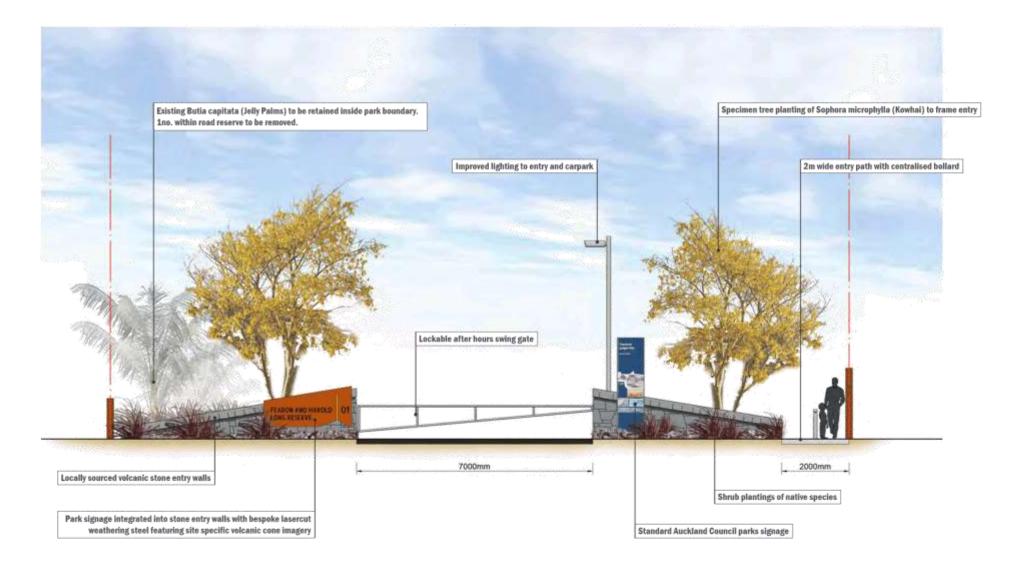




Fearon Park and Harold Long Reserve
Sitewide - Concept Plan
SCALE: NTS August 2015

JOB NUMBER: 3-AL 153.00



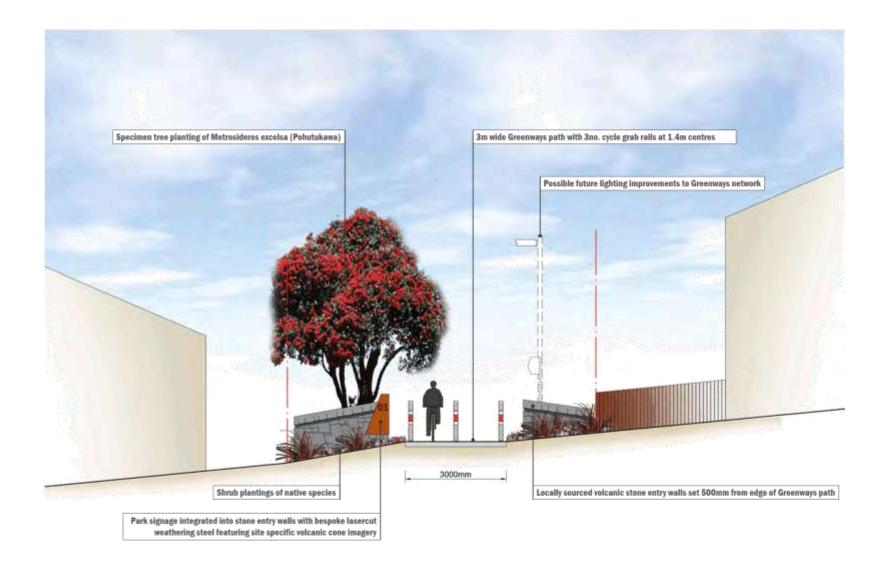






Fearon Park and Harold Long Reserve Elevations - Gateway 1, Keystone Avenue Entry August 2015

JOB NUMBER: 3-AL 153.00

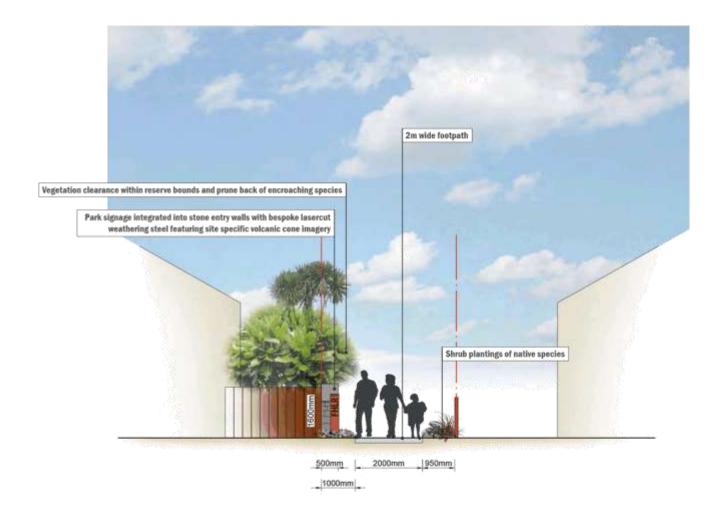






Fearon Park and Harold Long Reserve Elevations - Gateway 3, Parau Street Entry August 2015

JOB NUMBER: 3-AL 153.00







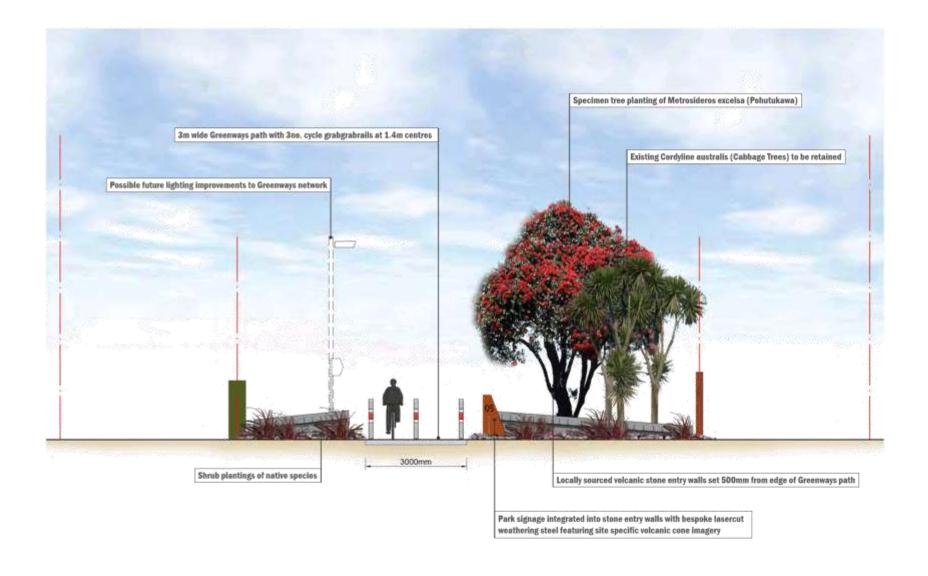
Fearon Park and Harold Long Reserve Elevations - Gateway 4, Fearon Avenue Entry August 2015

JOB NUMBER: 3-AL 153.00

DRAWN BY: TJ REVIEWED BY: OW

Fearon Park and Harold Long Reserve Draft Developed Design



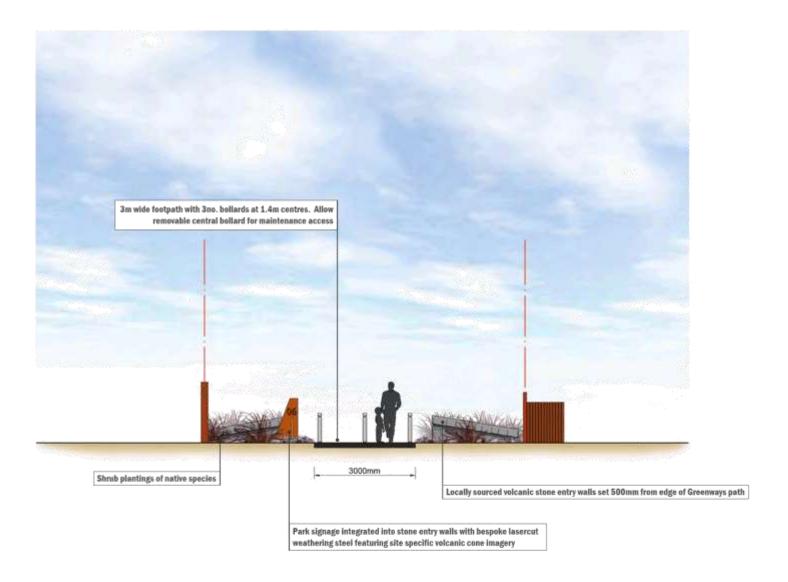






Fearon Park and Harold Long Reserve Elevations - Gateway 5, Fearon Avenue Entry August 2015

JOB NUMBER: 3-AL 153.00







Fearon Park and Harold Long Reserve Elevations - Gateway 6, Cleghorn Avenue Entry August 2015

JOB NUMBER: 3-AL 153.00



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Fearon Park and Harold Long Reserve Hub Concept Plan - Area 1 SCALE: 1:400 A3 August 2015



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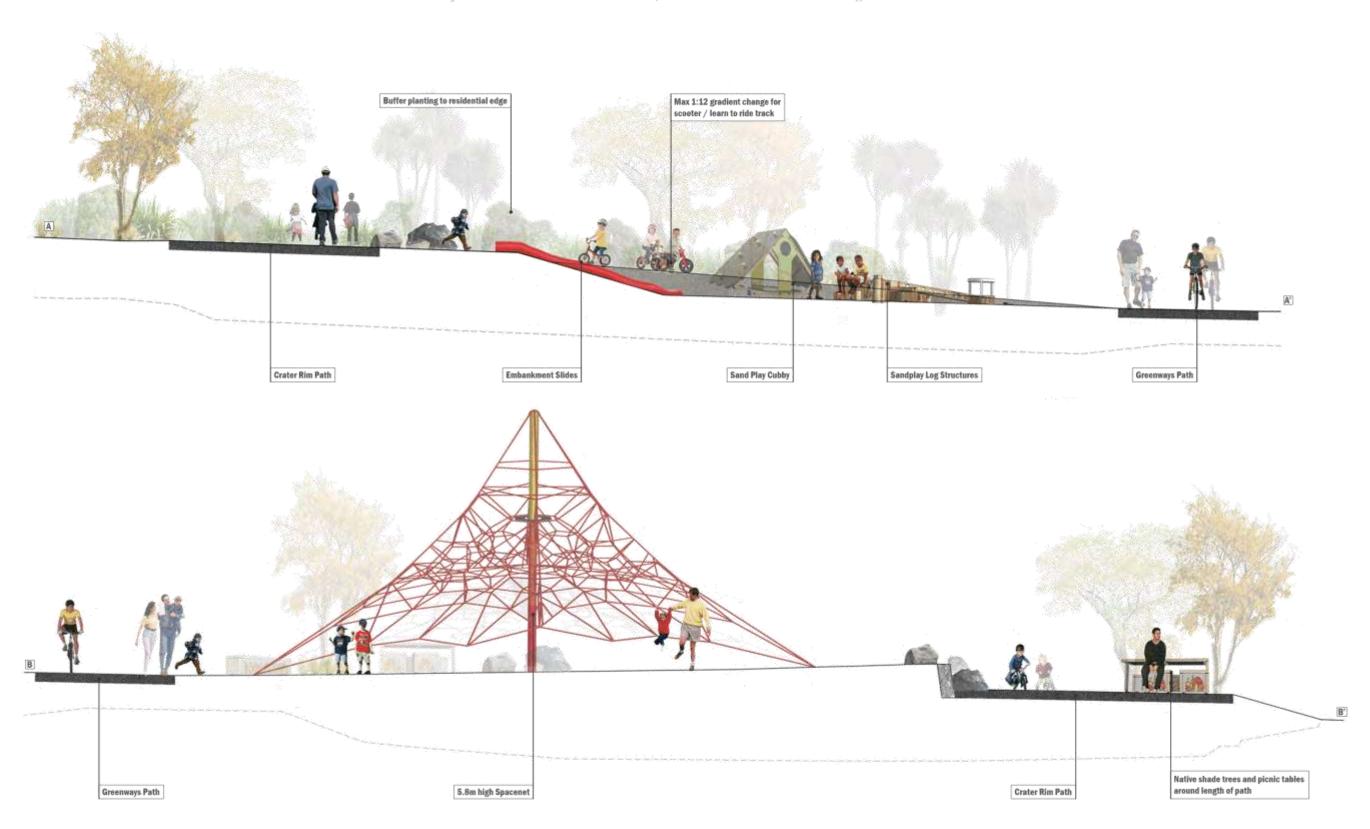


Fearon Park and Harold Long Reserve Hub Concept Plan - Area 2 SCALE: 1:400 A3 August 2015

JOB NUMBER: 3-AL 153.00



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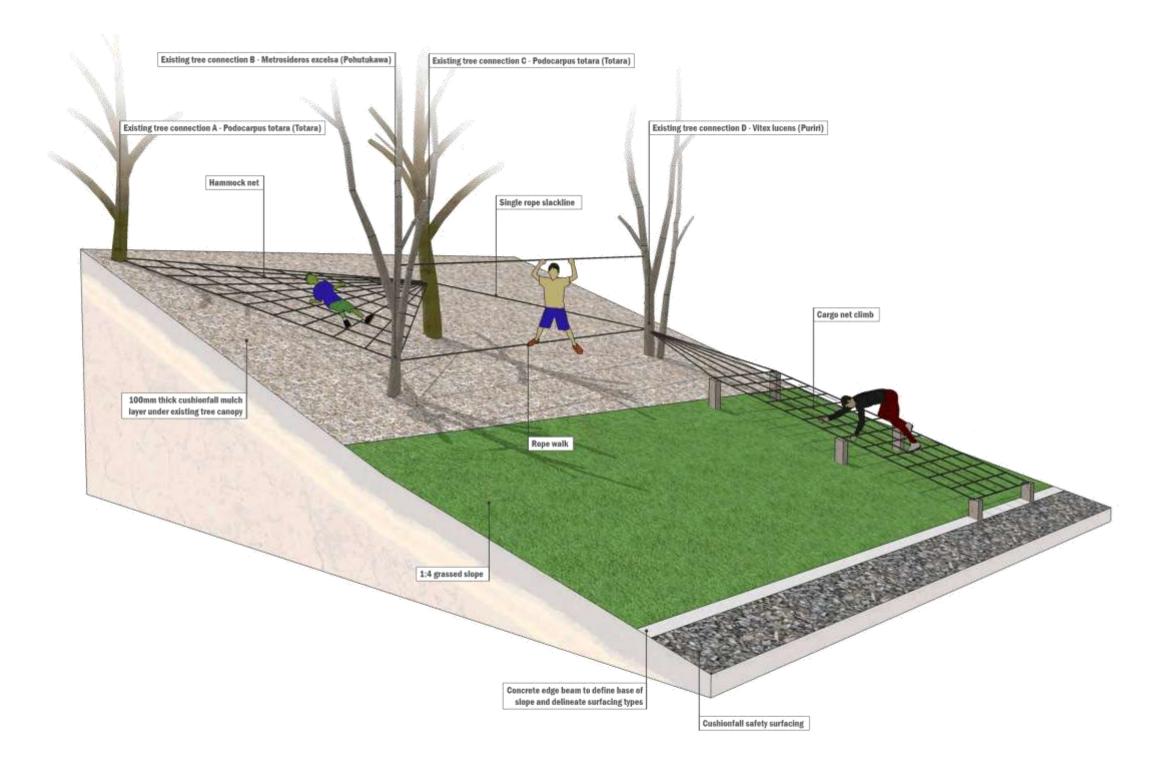




Fearon Park and Harold Long Reserve
Central Playspace Overview
SCALE: 1:75 A3 August 2015

JOB NUMBER: 3-AL 153.00





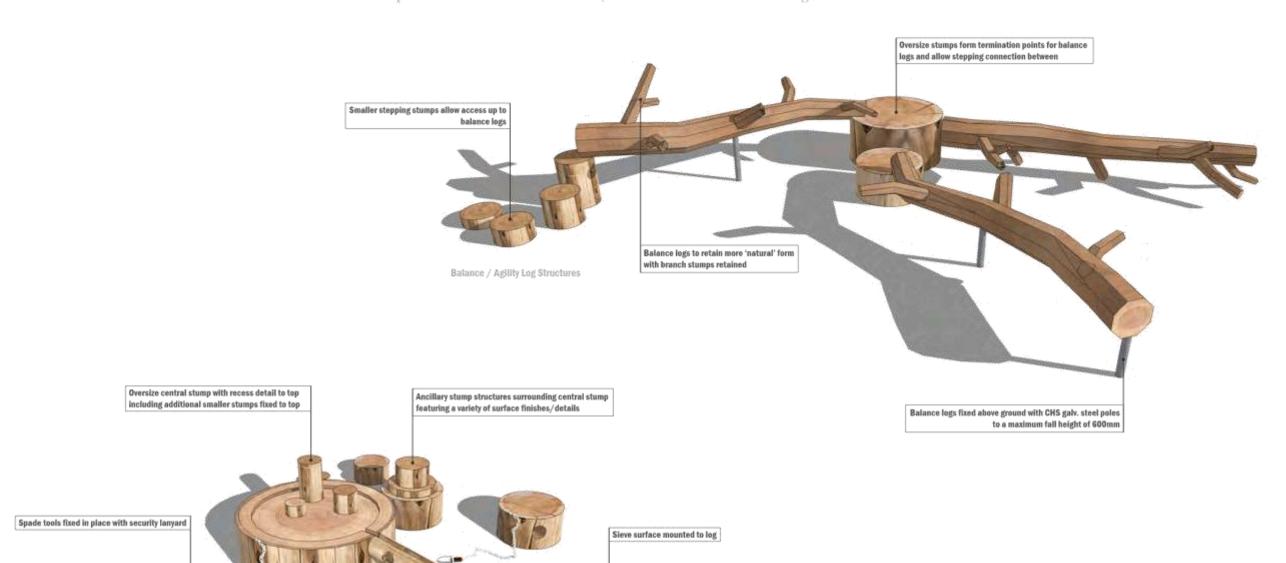




Fearon Park and Harold Long Reserve Play Element Overview - Rope Play Network

JOB NUMBER: 3-AL 153.00







Fearon Park and Harold Long Reserve
Play Element Overview - Balance / Agility + Sand Play Log Structures

August 2015

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DRAWN BY: TJ REVIEWED BY: OW

Leg connecting stumps includes a recessed channel to top with varying diameter holes drilled along the length

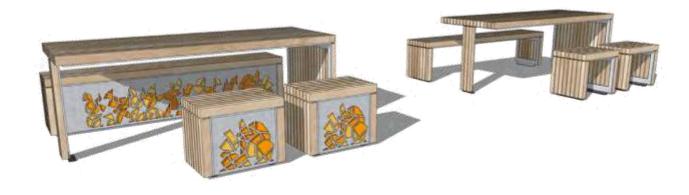
Sand Play Log Structures



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Pattern design driver - Fragmented volcanic geology forms.



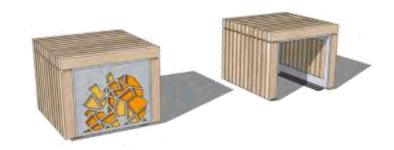
Picnic Table. Option with infill panels to be located proximate to playspace area only.



Bench Seat with back and arm rest. Option with infill panels to be located proximate to playspace area only.



Bench Seat. Option with infill panels to be located proximate to playspace area only.



Pod Seat. Both options located preximate to playspace area only.





Fearon Park and Harold Long Reserve **Furniture Concept** August 2015



PLANTING STRATEGY

Fearon Park and Harold Long Reserve feature key visual connections to a number of volcanic cones in the area and have a strong network of existing native trees.

The overall planting strategy is to use a native only palette that compliments the existing network and cultural context. The strategy looks to build on the existing structure using specimen trees that provide shade and greater biodiversity within the reserve with a focus on attracting and supporting bird life.

Overall placement of trees and shrub planting aligns with key elements within the reserve such as the Greenways Network, gathering spaces and playground area. Trees and shrub species have been incorporated in the carpark area to provide vertical scale, a visually greener space, stormwater polishing and to reduce urban heat sink affects.

Safety, culture, biodiversity, shade, legibility of the space and recognising the existing network within the space have been key factors in developing the planting strategy.

BUFFER PLANTING

Mix of native shrub species and native specimen trees which provide amenity and buffering to both residential boundaries and path edges. Scale of planting reduces areas of concealment, is low maintenance and supports greater biodiversity; in particular supporting native birdlife.

GATEWAY PLANTING

Consists of a paired back plant palette that provides some continuity to all entry points of the reserve. Low native shrub planting sets the backdrop for the entry gateway and signage.

PARKLAND TREES

Mix of native, medium to large specimen trees, which build on the existing specimen tree network within the reserve. Parkland trees enhance the framework for the greenways link and provide shade for the play and picnicking spaces. The enhanced network provides greater habitat and food sources for native fauna.

SWALE PLANTING

Mix of native, low growing and damp tolerant, shrub and grass species, dotted with compact native tree species. Swale planting provides a polishing function to water run off, reducing the overall pollutants entering into the greater stormwater network. Swale trees provide a vertical scale within the carpark itself, whilst not impacting on the stormwater function or causing significant leaf drop.





Fearon Park and Harold Long Reserve
Planting Strategy - Planting Plan
SCALE: NTS August 2015

JOB NUMBER: 3-AL 153.00



BUFFER PLANTING - SHRUBS AND TREES



Apodasmia similis



Arthropodium bifurcatum Coprosma repens 'Matapouri Bay' rengarenga lily



taupata



Corokia x virgata 'Geenty's green'



Dianella nigra turutu



Hebe speciosa 'blue' hebe azure



Libertia grandiflora mikoikoi



Lobelia angulata panakenake



Phormium cookianum 'green dwarf'



Pseudopanax lessonii 'Cyril Watson'



Tecomanthe speciosa Three Kings vine



Cordyline australis cabbage tree



Sophora microphylla kowhai

PARKLAND PLANTING - SPECIMEN TREES



Coprosma repens 'Poor Knights'



Dianella nigra



Lobelia angulata panakenake



Phormium cookianum 'green dwarf'



Beilschmiedla tarairi



Metrosideros excelsa pohutukawa



Podocarpus totara

BUFFER PLANTING - SHRUBS & TREES					
NAME	DIMENSIONS	% MIX	GRADE (L)	SPACING (m)	
Apodasmia similis	H 1m x W 1m	15	2.5	0.500	
Arthropodium bifurcatum	H 0.5m x W 0.5m	5	2.5	0.500	
Coprosma repens	H 3m x W 3m	15	2.5	0.500	
Corokia x virgata	H 2m - W 1.5m	5	2.5	0.500	
Dianella nigra	H 0.5m x W 0.30m	10	2.5	0.500	
Hebe speciosa 'blue'	H 1.5m x W 1.5m	10	2.5	0.500	
Libertia grandiflora	H 0.75m x W 0.4m	5	2.5	0.500	
Lobelia angulata	H 0.1m x W 2m	2.5	2.5	0.500	
Phormium cookianum	H 0.8m x W 1m	20	2.5	0.500	
Pseudopanax 'Cyril Watson'	H 2m x W 3m	10	2.5	0.500	
Tecamanthe speciosa	H 3m x W 3m	2.5	2.5	0.500	
Cordyline australis	H 4m x W 8m	50	45	as shown	
Sophora microphylla	H 8m x W 5m	50	45	as shown	

NAME	DIMENSIONS	% MIX	GRADE (L)	SPACING (m)
Coprosma repens 'Poor Knights'	H 0.5m x W 1m	30	2.5	0.500
Dianella nìgra	H 0.5m x W 0.30m	30	2.5	0.500
Lobelia angulata	H 0.1m x W 2m	10	2.5	0.500
Phormium cookianum	H 0.8m x W 1m	30	2.5	0.500

NAME	DIMENSIONS	% MIX	GRADE (L)	SPACING (m)
Beilschmiedia tarairi	H 6-9m x W 10m	25	160	as shown
Metrosideros excelsa	H 12m x W 8m	50	160	as shown
Podocarpus totara	H 12m x W 9m	25	160	as shown

NAME	DIMENSIONS	% MIX	GRADE (L)	SPACING (m)
Apodasmia similis	H 1m x W 1m	35	2.5	0.400
Carex lessoniana	H 1m x W 2m	15	2.5	0.400
Cyperus ustulatus	H 1.5m x W 2m	25	2.5	0.400
Dianella nigra	H 0.5m x W 0.30m	15	2.5	0.400
Libertia grandiflora	H 0.75m x W 0.4m	10	2.5	0.400
Cordyline australis	H 4m x W 8m	50	45	as shown

H 8m x W 5m

SWALE PLANTING - SHRUBS AND TREES



Apodasmia similis



Carex lessoniana carex



Cyperus ustulatus giant umbrella sedge



Dianella nigra



Libertia grandiflora mikoikoi



Cordyline australis cabbage tree



Sophora microphylla

Sophora microphylla kowhai





Fearon Park and Harold Long Reserve Planting Strategy - Plant Palette August 2015

50

45

JOB NUMBER: 3-AL 153.00

DRAWN BY: TJ REVIEWED BY: OW

as shown









Fearon Park and Harold Long Reserve Schedule of Elements : Hard Works - Paving August 2015

JOB NUMBER: 3-AL 153.00













BASALT ENTRY WALLS 500-1000mm high x 600mm wide reinforced 'shuttered concrete' type Basalt Wall with 8kg/m3 black oxide grouting and integrated bespoke lasercut corten feature signage. Refer Schedule of Elements sheet



PLAYSPACE FENCING 1000mm high bespoke timber playspace fencing. Refer Schedule of Elements sheet for paint style, colours to be shades of red, orange



VEHICLE PRIORITY SIGNAGE Plant mounted AT standard vehicle priority signage.





Black rubber wheelstops Part No. WS1650 ex Premium Corporation Ltd. Allow for a 16mm masonry drill bit to drill through the bitumen and drive 3no.16mm x 350mm spikes through the bitumen and into the basecourse.





thick compacted AP40 basecourse

over 250mm thick AP65 or other

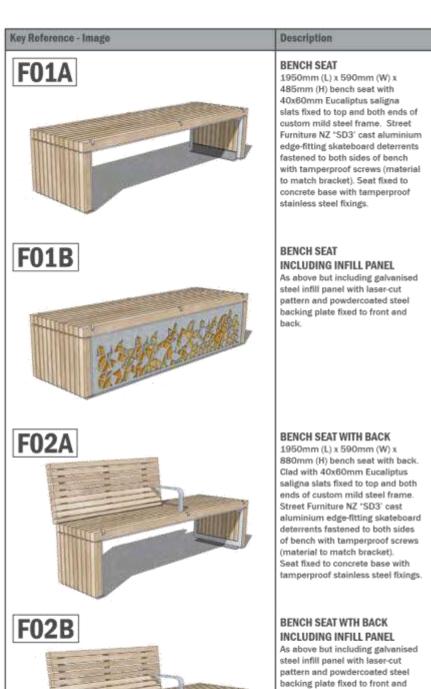
edges and hand formed shrinkage

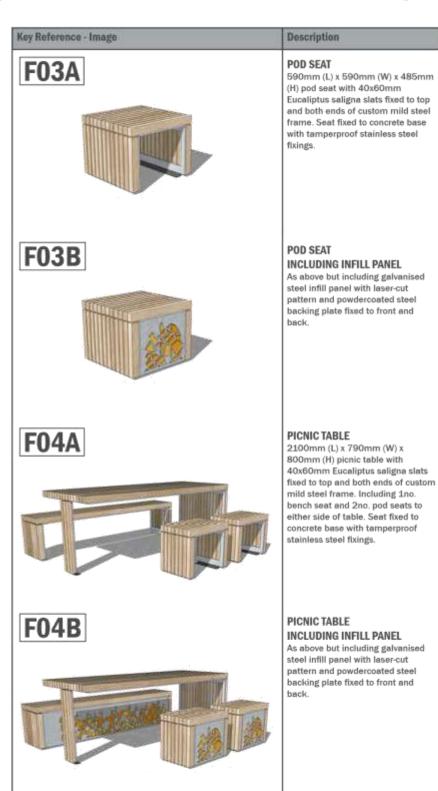
pints at 3m centres to min. 50mm

approved pavement aggregate.

Fearon Park and Harold Long Reserve Schedule of Elements: Hard Works - Kerb, Channel, Edging + Structures August 2015













back.

Fearon Park and Harold Long Reserve Schedule of Elements : Hard Works - Furniture

August 2015





Description

LOCKABLE ENTRY SWING GATE

5500mm long, 40mmx3.2mm thick CHS gate with galvanised steel finish including 3no. hinges and 1no. locking mount welded to gate. 1no. plant mounted 139.7dia x 3.2mm thick CHS galvanised steel hinge post including cap and 3no. hinges welded to post. 1no. plant mounted 40mmx3.2mm thick CHS locking post with locking mount welded to post.



BOULDERS

Contractor sourced sculptural boulders set minimum 150mm below finished ground level. Boulders to be a minimum 500mm diameter and approved by Engineer.



LITTER BIN

Plant mounted 'R60 Timber Tilt Bin' ex. Street Furniture NZ Ltd with galvanised steel finish to body, lid and post.



CYCLE RACKS

Galvanised Steel Type D Cycle Rack' ex. Street Furniture NZ Ltd in arrangements of 3no. Allow to recess mounting plate flush with finished surface level and set anchors flush with top of base plate.



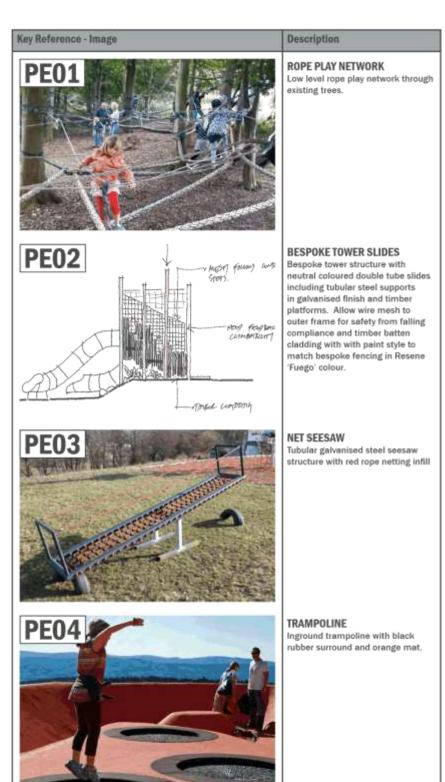


Fearon Park and Harold Long Reserve Schedule of Elements : Hard Works - Furniture

JOB NUMBER: 3-AL 153.00

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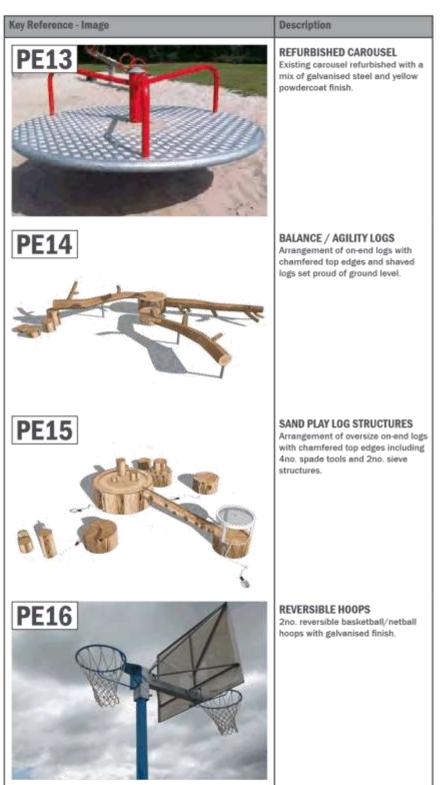


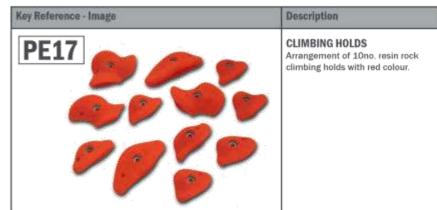




Fearon Park and Harold Long Reserve
Schedule of Elements : Hard Works - Furniture
August 2015











Fearon Park and Harold Long Reserve Schedule of Elements : Hard Works - Furniture

JOB NUMBER: 3-AL 153.00