

landscape masterplan

milller park - branxton

site:
branxton
client:
cessnock city council
proposal:
landscape masterplan
project no:
11605.5
date:
01.06.20
revision:
Q



site analysis

miller park - branxton

01

june 2020



legend

- view point
- existing trees
- sports field
- unsealed car parking
- formalised car parking
- playground
- outdoor gym
- existing facility
- local off road cycleway
- project boundary
- powerline over
- gas main
- road reserve
- drainage line
- sewerage easement
- waterway
- main arrival
- existing pedestrian access
- existing discus throwing cage
- signage/wayfinding
- existing flood lighting

site details:
 miller park, maitland st,
 branxton
client:
 cessnock city council
date:
 01.06.20
job number:
 11605.5
scale:
 nts
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1 informal carpark. 2 miller park kiosk. 3 pedestrian underpath. 4 playground and shelters. 5 shelters.

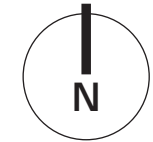
terras
 landscape architects
 412 king street newcastle nsw2300
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 fax: 49 263 069
 www.terras.com.au

opportunities

milller park - branxton

02

june 2020



legend

- existing trees
- sports field
- formalised car parking
- potential car parking
- potential new courts
- children's bicycle circuit
- new/upgraded facility
- local off road cycleway
- project boundary
- powerline over
- drainage line
- sewerage easement
- waterway
- main arrival
- formalise pedestrian access
- existing discus throwing cage
- new concrete swale
- town approach tree avenues (individual trees not shown)
- pedestrian/cycleway
- opportunity for streetscape
- signage/wayfinding
- existing flood lighting

0m 50m 100m

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





masterplan miller park - branxton

june 2020



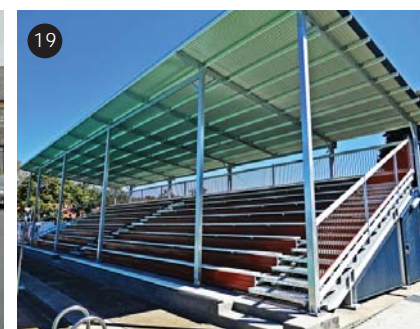
legend

-  existing trees
-  new street trees
-  new general trees
-  car parking
-  pathway
-  existing facilities
-  new facilities
-  relocated cricket net
-  shade terrace seating
-  relocated/2nd long jump
-  existing long jump to be relocated
-  wire fencing
-  high chain link fence (2.4m height)
-  perimeter fence (900mm)
-  cricket sight screens
-  under path
-  waterway
-  existing drainage swale - upgrade
-  new drainage swale
-  new concrete swale
-  project boundary
-  new flood lighting
-  existing flood lighting
-  lockable gate
-  existing discus throwing cage
-  new discus throwing cage
-  existing shot put pad
-  signage/wayfinding
-  pedestrian linkage
-  gas main

key notes

- 1 new children's bicycle circuit**
with trees and mass planting. provide connection with existing playground and proposed shelter for better parental supervision.
- 2 dog off-leash area**
with bins, shaded seats and fence.
- 3 existing cricket oval.**
upgrade with auto irrigation, cricket sight screen, and new flood lighting.
- 3a new cricket oval.**
with new auto irrigation
- 4 existing athletics track.**
with new auto irrigation and existing lighting converted to LED
- 5 existing football field**
with high chain link fence at front and restricted access. upgrade to auto irrigation and flood lighting
- 6 existing junior football field**
with new auto irrigation and new flood lighting.
- 7 new tennis courts**
with new LED flood lighting.
- 8 2.5m cycleway/ pedestrian footpath**
to connect existing city cycleway. provide shaded seats and public art along path.
- 9a new amenity building.**
- 9b new large shelter**
with bbq for community gathering. orientation and design to protect users from prevailing westerly winds
- 9c extension of shade.**
extend existing club building with shade structure.
- 10 carparking.**
create more formalised parking spaces with shaded trees and lighting. entry area with garden at front to provide stonger entry statement.
- 10b additional car parking.**
northern side of maitland street
- 11 formalise existing grass netball courts**
with new flood lighting. upgrade sufacing and existing lighting to LED.
- 12 streetscape.**
improve streetscape with street tree planting to define edge of site (suitable species below powerlines). upgrade unsealed path / cycleway with 2.5m bitumen surface.
- 13 upgrade path under bridge**
with new 1:20 max, access ramp.
- 14 concrete pathway**
for disabled access to amenities.
- 15 upgrade drainage.**
provide drainage pit and pipe system to existing grass swale.
- 16 new concrete surface swale drainage.**
connect to existing swale.
- 17 new bus terminal.**
- 18 new long jump pit / run ups.**
- 19 tiered seating.**
- 20 new district skate park.**
pump track and other skate elements.
- 21 junior football fields.**
- 22 covered picnic area**
- 23 upgrade to boundary fencing (1800mm chain wire)**
- 24 bench seating**
- 25 kiosk upgrade and covered brick bbq area extension off existing amenities building and storage**
- 26 pedestrian access path with bridge over creek**
- 27 remove shipping container. storage incorporated into extension of existing amenities**
- 28 multi purpose practice wall**
- 29 existing cricket sheds**
- 30 upgrade to existing cricket amenities**
- 31 existing outdoor fitness equipment**
- 32 new multi purpose courts**
- 33 upgrade existing playground**

scale 1:3000 @ a3

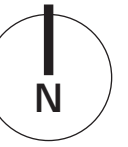


masterplan

milller park - branxton

04

june 2020



key notes

- 1 **carparking.**
create more formalised parking spaces with shade trees and lighting. mass planting at front to provide stronger entry statement.
- 2 **existing carparking.**
upgrade lighting.
- 3 **existing football field**
with high chain link fence at front and restricted access. upgrade to auto irrigation and floodlighting
- 4 **existing amenity building.**
football / athletics amenity building with change rooms, toilet, kiosk, and storage room.
- 5 **upgrade drainage.**
provide drainage pit and pipe system to existing grass swale.
- 6 **new concrete surface swale drainage.**
connect to existing swale.
- 7 **entry signage/statement**
set in mass planting.
- 8 **bench seating**
- 9 **kiosk upgrade and external lighting**
- 10 **upgrade dugout boxes.**
- 11 **extend building to the south to provide additional storage.**
- 12 **covered brick bbq area extension off existing amenities building**
- 13 **covered concrete area**
- 14 **tiered seating**
- 15 **new cricket oval.**
with new auto irrigation

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cessnock signage strategy(04,2015)

legend

- existing trees
- new street trees
- new general trees
- car parking
- pathway
- existing facilities
- new facilities
- relocated cricket net
- shade terrace seating
- relocated/2nd long jump
- existing long jump to be relocated
- wire fencing
- high chain link fence (2.4m height)
- security fence (900mm height, chain wire fence)
- cricket sight screen
- under path
- waterway
- existing drainage swale - upgrade
- new concrete swale
- project boundary
- new flood lighting
- existing flood lighting
- lockable gate
- existing discus throwing cage
- new discus throwing cage
- signage/wayfinding
- pedestrian linkage

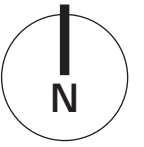


masterplan

milller park - branxton

05

june 2020



legend

- existing trees
- new street trees
- new general trees
- car parking
- pathway
- existing facilities
- new facilities
- relocated cricket net
- shade terrace seating
- relocated/2nd long jump
- existing long jump to be relocated
- wire fencing
- high chain link fence (2.4m height)
- security fence (1800mm height, chain wire fence)
- cricket sight screen
- under path
- waterway
- existing drainage swale - upgrade
- new concrete swale
- project boundary
- new flood lighting
- existing flood lighting
- lockable gate
- existing discus throwing cage
- new discus throwing cage
- signage/wayfinding
- pedestrian linkage
- gas main

key notes

- 1 carparking**, create more formalised parking spaces with shade trees and lighting. mass planting at front to provide stonger entry statement.
- 2 new large shelter** with bbq for community gathering. orientation and design to protect users from prevailing westerly winds
- 3 existing outdoor gym.**
- 4 upgrade existing playground.**
- 5 new children's bicycle circuit** with trees and mass planting. create connection with existing playground and proposed shelter for better parental supervision.
- 6 extension of shade**, extend existing club building with shade structure.
- 7 formalise existing grass netball courts** with new flood lighting. upgrade existing lighting to LED.
- 8 new district skate park.** with pump track and other skate park elements.
- 9 existing cricket sheds**
- 10 upgrade to existing cricket amenities**
- 11 new multipurpose courts**
- 12 covered tiered seating**

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MILLER PARK

All items listed below are inclusive of supply + install unless noted otherwise

All items listed below are exclusive of GST

Rates and costs outlined below are intended as an approximate indication of the probable costs involved for works to be undertaken as per associated landscape plans and specifications. Estimated quantities and rates displayed below are variable and shall be confirmed on site prior to works being undertaken

EXCLUSIONS	
Site establishment: Site office, toilet	
Authorities fees	
Electrical design and installation.	
Stormwater design and installation.	
Hydraulics design and installation.	
Structural Engineering design.	

ITEM	SPECIFICATION	UNIT	QTY	RATE	COST	
STAGE 1						
4	Existing athletics track	tiered seating length 20m	item	2	\$7,225.00	\$14,450.00
25		extended bbq area, kiosk upgrade, external lighting, additional storage, upgrade dugout boxes	item	1	\$200,000.00	\$200,000.00
		auto irrigation	hectare	1.2	\$13,000.00	\$15,600.00
		covered hardstand area	item	1	\$50,000.00	\$50,000.00
3	Existing cricket field	auto irrigation	hectare	3.3	\$13,000.00	\$42,900.00
		cricket sight screen 5m	item	4	\$5,000.00	\$20,000.00
		flood lighting	item	1	\$40,000.00	\$40,000.00
		extended bbq area, kiosk upgrade, external lighting, additional storage, upgrade dugout boxes	item	1	\$7,225.00	\$7,225.00
3	New cricket field	establishment of new turf wicket	item	1	\$50,000.00	\$50,000.00
3a	New cricket field	auto irrigation	hectare	0.64	\$13,000.00	\$8,320.00
5	Existing soccer field	auto irrigation	item	1	\$50,000.00	\$50,000.00
		flood lighting	item	1	\$128,000.00	\$128,000.00
6	Existing junior soccer field	auto irrigation	hectare	0.3	\$13,000.00	\$3,900.00
		flood lighting	item	1	\$40,000.00	\$40,000.00
		practice wall	item	1	\$20,000.00	\$20,000.00
	Irrigation pump (Allowance)		item	1	\$40,000.00	\$40,000.00
	Removal of existing long jump pit	including run ups and making good area	item	1	\$10,000.00	\$10,000.00
18	New long jump	preparation of area for new long jump run ups and pit	item	1	\$10,000.00	\$10,000.00
		construction of new long jump run ups and pit	item	1	\$50,000.00	\$50,000.00
	New discus throwing cage	discus cage with ground sleeves	item	1	\$24,000.00	\$24,000.00
	Relocation of football field	removal and re-installation of goal post footings and turf	item	1	\$5,000.00	\$5,000.00
	Removal of 4 advanced trees		item	1	\$5,000.00	\$5,000.00
15	Upgrade drainage	provide drainage pit and pipe system to existing grass swale				
		150mm pipe	lm	600	\$50.00	\$30,000.00
		drainage pits (20m spacing)	item	30	\$800.00	\$24,000.00
		trench 300mm wide 500mm deep	lm	600	\$8.00	\$4,800.00
15	Extend drainage swale	provide drainage pit and pipe system to existing grass swale				
		150mm pipe	lm	150	\$50.00	\$7,500.00
		drainage pits (20m spacing)	item	5	\$800.00	\$4,000.00
		trench 300mm wide 500mm deep	lm	150	\$8.00	\$1,200.00
16	New concrete surface swale drainage	connect to existing swale	item	160	\$95.00	\$15,200.00
9b	New large shelter	electrical bbq	item	1	\$3,000.00	\$3,000.00
		picnic settings	item	8	\$1,800.00	\$14,400.00
		shelter 18m*8m	item	1	\$175,000.00	\$175,000.00
1	Children's bicycle circuit	2.5m width concrete path	m	696	\$180.00	\$125,280.00
					SUB TOTAL:	\$1,238,775.00

STAGE 2						
	Way finding signage		item	2	\$1,000.00	\$2,000.00
14	New concrete pathway	1.2m wide concrete pathway	m2	370	\$95.00	\$35,150.00
5 19	Existing soccer field	900mm perimeter fencing	m	170	\$45.00	\$7,650.00
		2400mm perimeter fencing	m	170	\$85.00	\$14,450.00
		bench seating	item	8	\$2,000.00	\$16,000.00
3	Tiered seating to existing field	tiered seating length 20m	item	2	\$7,225.00	\$14,450.00
7	New tennis court	court nets and fence	item	2	\$32,000.00	\$64,000.00
		lighting	item	2	\$20,000.00	\$40,000.00
9c	Extension of shade structure	167m2 shade structure	item	1	\$80,000.00	\$80,000.00
22	Shelter and picnic table	Landmark shelter, slab and picnic table	item	7	\$12,000.00	\$84,000.00
26	Pedestrian bridge near dog off-leash area	Landmark bridge	item	1	\$20,000.00	\$20,000.00
10	Carparking and roadway	including bitumen paving, stormwater drainage, minimal lighting, and some landscaping	m2	10950	\$110.00	\$1,204,500.00
		lockable gate (boom gate)	item	1	\$3,000.00	\$3,000.00
		trees 75L	item	55	\$300.00	\$16,500.00
	Entry statement	In accordance with Cessnock signage strategy	item	1	\$3,500.00	\$3,500.00
	Lockable gate		item	1	\$3,000.00	\$3,000.00
9a	New amenity building	demolish existing building	item	1	\$10,000.00	\$10,000.00
		change rooms (inc. female facilities), toilets, storage, kiosk, shade seating, and first aid room	m2	435	\$2,500.00	\$1,087,500.00
30	New amenity building (cricket)		m2	200	\$2,500.00	\$500,000.00
	Tiered seating to existing netball court	tiered seating length 20m	item	1	\$7,225.00	\$7,225.00
18	New long jump	lighting	item	1	\$20,000.00	\$20,000.00
					SUB TOTAL:	\$3,232,925.00

STAGE 3						
1	Children's bicycle circuit	trees 75L	item	35	\$300.00	\$10,500.00
		garden bed with mass planting	m2	630	\$110.00	\$69,300.00
20	District skate park	including pump track and other skate park elements	item	1	\$400,000.00	\$400,000.00
11	Upgrade turf netball court	resurfacing	item	2	\$30,000.00	\$60,000.00
		with new flood lighting	item	1	\$10,000.00	\$10,000.00
32	new multi purpose courts		item	2	\$30,000.00	\$60,000.00
13	Upgrade pathway under bridge	with new 1:20 max. access ramp	m2	162	\$95.00	\$15,390.00
10b	Carparking northern side of Maitland Street	including bitumen paving, stormwater drainage, minimal lighting, and some landscaping	m2	105	\$110.00	\$11,550.00
2	Dog off-leash area	1200mm height wire fence	m	397	\$85.00	\$33,745.00
		bench seat	item	6	\$1,500.00	\$9,000.00
		bin	item	2	\$2,800.00	\$5,600.00
		trees 75L	item	18	\$300.00	\$5,400.00
8	2.5m cycleway/pedestrian footpath	2.5m bitumen cycleway	m2	2767	\$62.00	\$171,554.00
		bench seat	item	5	\$1,500.00	\$7,500.00
		trees 75L	item	70	\$300.00	\$21,000.00
		public arts	item	2	\$10,000.00	\$20,000.00
12	Streetscape	upgrade unsealed pathway with 2.5m cycleway/pedestrian footpath with bitumen finish	m2	1620	\$62.00	\$100,440.00
		street trees 75L	item	47	\$300.00	\$14,100.00
17	New bus terminal	including shelter	item	1	\$100,000.00	\$100,000.00
33	Upgrade playground	resurfacing and new equipment	item	1	\$150,000.00	\$150,000.00
23	Upgrade boundary fence		item	1	\$25,000.00	\$25,000.00
					SUB TOTAL:	\$1,300,079.00
					DESIGN (15% allowance)	\$865,766.85
					TOTAL (not inc. GST)	\$6,637,545.85

costing

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06

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