

# landscape masterplan

mount view park - cessnock

**site:**

cessnock

**client:**

cessnock city council

**proposal:**

landscape masterplan

**project no:**

11605.5

**date:**

12.03.2018

**revision:**

J

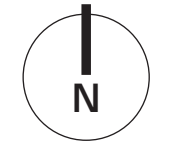


# site analysis

## mount view park - cessnock

# 01

march 2018



### legend

- view point
- existing trees
- sports field
- car parking
- existing facility
- pedestrian linkage
- district off road cycleway
- the top of embankment
- kopper log fencing
- rail fencing
- project boundary
- drainage line
- main arrival
- signage/wayfinding
- aluminium bench seats
- existing road
- existing flood lighting

**site details:**  
 mount view park, mount view road, cessnock  
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 12.03.2018  
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1 shelter and roadside carpark



2 signage with town map on the side of mount view road



3 stormwater discharge - access constraint



4 seats under shade



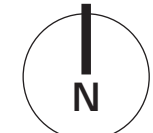
5 stormwater basin

# opportunities

## mount view park - cessnock

# 02

march 2018



### legend

-  existing trees
-  sports field
-  potential car parking
-  potential skate park
-  new/upgraded facility
-  terraced seating
-  pedestrain bridge
-  pedestrain linkage
-  district off road cycleway
-  the top of embankment
-  kopper log fencing
-  project boundary
-  speed control hub
-  drainage line
-  pedestrain linkage
-  potential cycleway linkage
-  existing road
-  main arrival/exit
-  signage/wayfinding
-  existing flood lighting
-  new flood lighting

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0m 50m 100m

# masterplan

## mount view park - cessnock

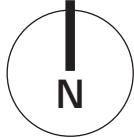
# 03

march 2018



- legend**
- existing trees
  - new street trees
  - new general trees
  - car parking
  - lockable gate
  - pathway
  - pedestrian bridge
  - drainage swale
  - shade terrace seating
  - existing facilities
  - new facilities
  - stormwater basin
  - existing wire fencing
  - existing kopper log fencing
  - new kopper log fencing
  - existing road
  - project boundary
  - signage/wayfinding
  - existing lighting
  - new lighting

- key notes**
- 1 lockable gate**  
to prevent vandalism at night.
  - 2 existing carpark**  
with additional trees and speed hump.
  - 3 formalised pathway/cycleway.**  
2.5m sealed cycleway/pedestrian way. connect to existing cycleway - do not require archery relocation.
  - 4 pedestrian bridge**  
over drainage swale to improve crossing when wet.
  - 5 concrete path connection.**  
connect car park to skate park.
  - 6a covered steel grandstand.**
  - 6b concrete terrace seating.**
  - 7 regional skate park**
  - 8 new car park**  
with traffic calming device.  
Trees for shade and amenity.
  - 9 existing archery field facilities to be retained.**
  - 10 inlet and outlet structure.**  
returf eroded soil around both inlet and outlet structure, installation of grates on both ends of the outlet pipe. (Mount View Detention Basin - Periodic Surveillance Report, 6 June 2014)
  - 11 new covered amenity and seating.**  
new roofed seating and amenity block located on top of embankment slope to provide facilities and storage to the eastern area of the basin. additional training fields and synthetic wicket associated with the new facilities and pathway.
  - 12 embankment tree removal & remediation.**
    - removal of trees from the detention basin embankments. tree root system to be cleared properly, followed by proper filling of the holes and root pathway with clays or concrete.
    - remediation of embankment sink holes.
    - returf embankment toe where erosion is evident.
    - replace trees with lower height and lesser rooted species.
    - (Mount View Detention Basin - Periodic Surveillance Report, 6 June 2014)



- 13 rugby league field (international).**
- 14 mod field.**
- 15 mini fields.**
- 16 cricket field (open age)**  
with synthetic wicket.
- 17 cricket field (junior)**  
with synthetic wicket.  
**note:** all sporting fields to be flood lit and irrigated.
- 18 new pathway linkage.**

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1:3000 @ a3  
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TERRAS LANDSCAPE ARCHITECTS  
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### MT VIEW 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	
<b>STAGE 1</b>						
	Way finding signages to the entry of sports field	item	1	\$1,000.00	\$1,000.00	
1	Lockable gate to existing carpark	lockable gate (boom gate)	item	2	\$3,000.00	\$6,000.00
2	Existing carpark upgrade	speed control hub (speed bump)	item	6	\$1,500.00	\$9,000.00
		reseal existing carpark and formalisation of road shoulder adjacent to skate park	m2	6400	\$16.00	\$102,400.00
		trees 75L	item	12	\$300.00	\$3,600.00
	New street trees on the western side of Mount View Road	75L	item	9	\$300.00	\$2,700.00
4	Pedestrian bridge	Pedestrian bridge	item	1	\$10,000.00	\$10,000.00
10	Inlet and outlet structure	returf eroded soil around both inlet and outlet structure, installation of grates on both ends of the outlet pipe. (area estimated)	item	1	\$6,000.00	\$6,000.00
12	Embankment tree removal and remediation	removal of trees from the detention basin embankment, tree root system would need to be cleared properly, followed by proper filling of the holes and root pathway with clays or concrete. (tree number estimated)	item	90	\$4,000.00	\$360,000.00
		remediation of embankment sink holes. (number estimated)	item	10	\$2,000.00	\$20,000.00
		returf embankment toe where erosion is evident.	item	500	\$10.00	\$5,000.00
		replace trees with lower height and lesser rooted species 75L.	item	100	\$300.00	\$30,000.00
<b>SUB TOTAL:</b>					<b>\$555,700.00</b>	
<b>STAGE 2</b>						
13	Rugby league field (international)	no allowance for resurfacing				
		flood lighting (supplement existing)	item	0.5	\$90,000.00	\$45,000.00
14	Mod field	no allowance for resurfacing				
		irrigation	hectare	0.6	\$13,000.00	\$7,800.00
15	Mini field	no allowance for resurfacing				
16	Cricket field (open age)	no allowance for resurfacing				
		flood lighting (supplement existing)	item	1	\$90,000.00	\$90,000.00
		irrigation	hectare	1.7	\$13,000.00	\$22,100.00
		wicket (synthetic)	item	1	\$7,000.00	\$7,000.00
17	Cricket field (junior)	no allowance for resurfacing				
		irrigation	hectare	0.8	\$13,000.00	\$10,400.00
		wicket (synthetic)	item	1	\$7,000.00	\$7,000.00
	Irrigation pump (allowance)		item	1	\$40,000.00	\$40,000.00
6a	Covered steel grandstand	shade tiered seating length 20m	item	1	\$28,000.00	\$28,000.00
		new lighting	item	2	\$5,000.00	\$10,000.00
6b	Concrete terrace seating	0.45m high, 0.5m wide concrete wall, 3 steps	m	160	\$300.00	\$48,000.00
3	Formalised pathway/cycleway	2.5m sealed cycleway/pedestrian way	m2	1740	\$95.00	\$165,300.00
19	New pathway linkage	2.5m sealed cycleway/pedestrian way	m2	200	\$95.00	\$19,000.00
<b>SUB TOTAL:</b>					<b>\$499,600.00</b>	
<b>STAGE 3</b>						
7	Regional skate park		item	1	\$800,000.00	\$800,000.00
8	New carpark	including bitumen paving, stormwater drainage, minimal lighting, and some landscaping	m2	2051	\$110.00	\$225,610.00
		lockable gate	item	2	\$3,000.00	\$6,000.00
		speed control hub	item	4	\$1,500.00	\$6,000.00
		kopper log fence	m	157	\$200.00	\$31,400.00
	New street trees on the eastern side of Mount View Road	75L	item	13	\$300.00	\$3,900.00
	Way finding signages to the new carpark		item	1	\$1,000.00	\$1,000.00
11	New covered amenity and seating		m2	600	\$2,500.00	\$1,500,000.00
6b	Concrete terrace seating eastern site	0.45m high, 0.5m wide concrete wall, 3 steps	m	150	\$300.00	\$45,000.00
<b>SUB TOTAL:</b>					<b>\$2,618,910.00</b>	
<b>DESIGN (15% allowance)</b>					<b>\$551,131.50</b>	
<b>TOTAL (not inc. GST)</b>					<b>\$4,225,341.50</b>	

# costing

## mount view park - cessnock

# 04

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