

# BROKEN HILL MENTAL HEALTH UNIT & EMERGENCY DEPARTMENT

## LANDSCAPE ARCHITECTURE - REF ISSUE

Sheet List REF	
Sheet Number	Sheet Name

REF-LAN-L00-000	COVER PAGE
REF-LAN-L00-001	SITE PLAN
REF-LAN-L00-002	TREE RETENTION AND REMOVAL PLAN

NOTES:  
1. Figured dimensions shall be taken in preference to scaling.  
2. The contractor shall check all dimensions on site before commencing work.

F	REF ISSUE REVISED	16.10.2023
E	REF ISSUE REVISED	05.10.2023
D	REF ISSUE	05.10.2023
C	REF ISSUE	05.10.2023
PS	REF ISSUE	16.09.2023

ISSUE	DESCRIPTION	DATE
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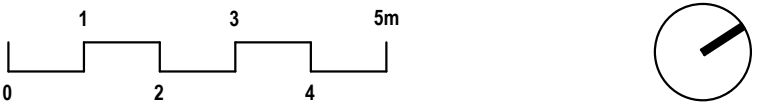
**TaylorBrammer**

TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD  
SYDNEY STUDIO  
218 OXFORD STREET  
WOOLLAHRA NSW 2025  
T: +61 2 9387 8855  
F: +61 2 9387 8105  
E: SYDNEY@TAYLORBRAMMER.COM.AU

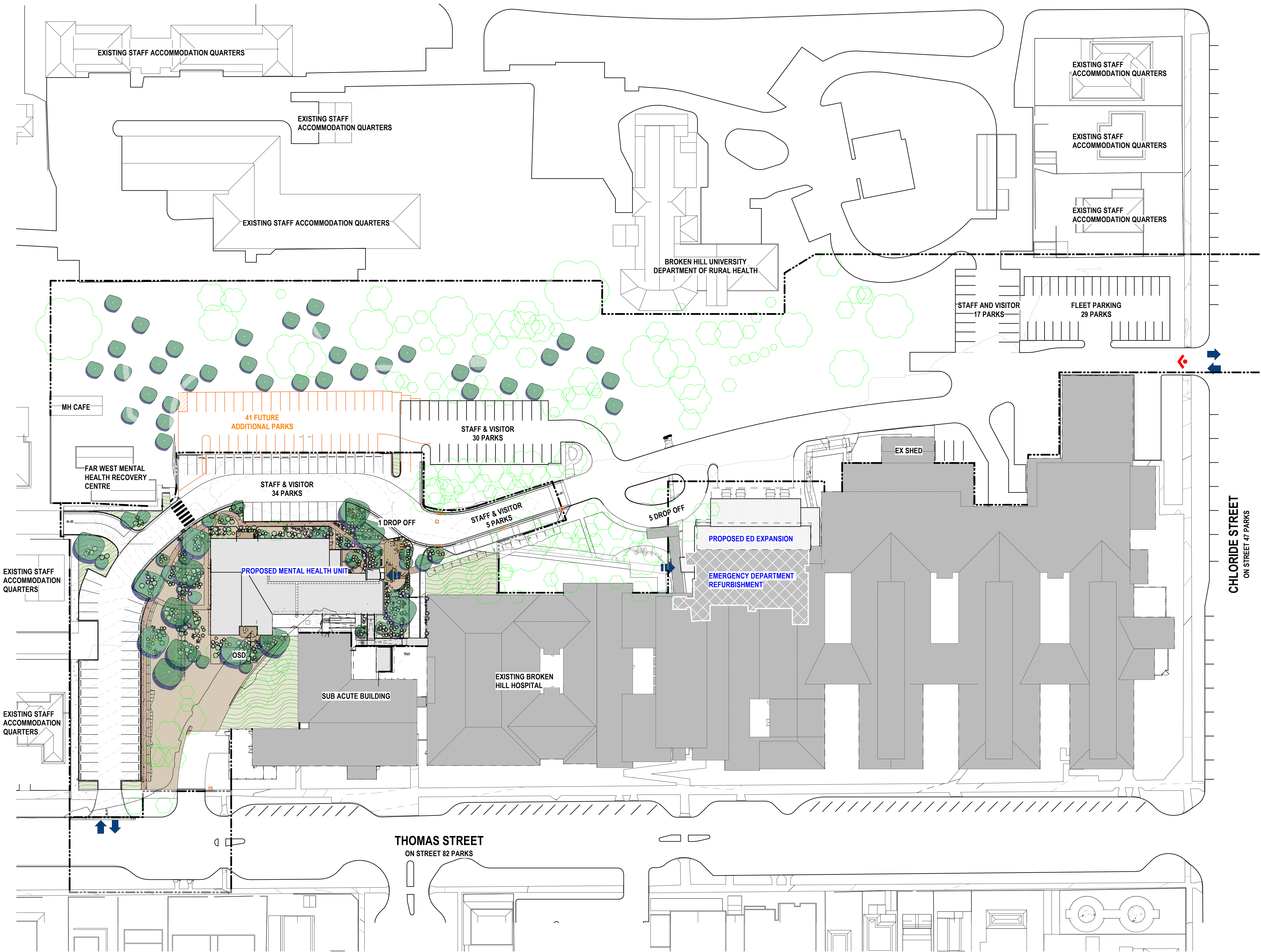
PROJECT:  
Broken Hill MHU & ED

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STH Architects

DRAWING TITLE:  
COVER PAGE



SCALE:	CHECKED:	DRAWING NUMBER	REVISION
DATE: 30.06.2023	JOB NO.: 22-147s	REF-LAN-L00-000	F
DRAWN:	DESIGNED:		



NOTES:  
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LEGEND

- Site Boundary
- - - Proposed contours
- Existing tree to be retained
- Proposed tree planting  
Quantity: 84
- Proposed garden and planting

E	REF ISSUE REVISED	16.10.2023
E	REF ISSUE REVISED	05.10.2023
D	REF ISSUE	05.10.2023
PS	REF ISSUE	22.08.2023
PS	REF ISSUE	19.08.2023

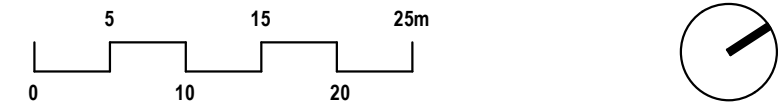
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SYDNEY STUDIO  
218 OXFORD STREET  
WOOLLAHRA NSW 2025  
T: +61 2 9387 8855  
F: +61 2 9387 8105  
E: SYDNEY@TAYLORBRAMMER.COM.AU

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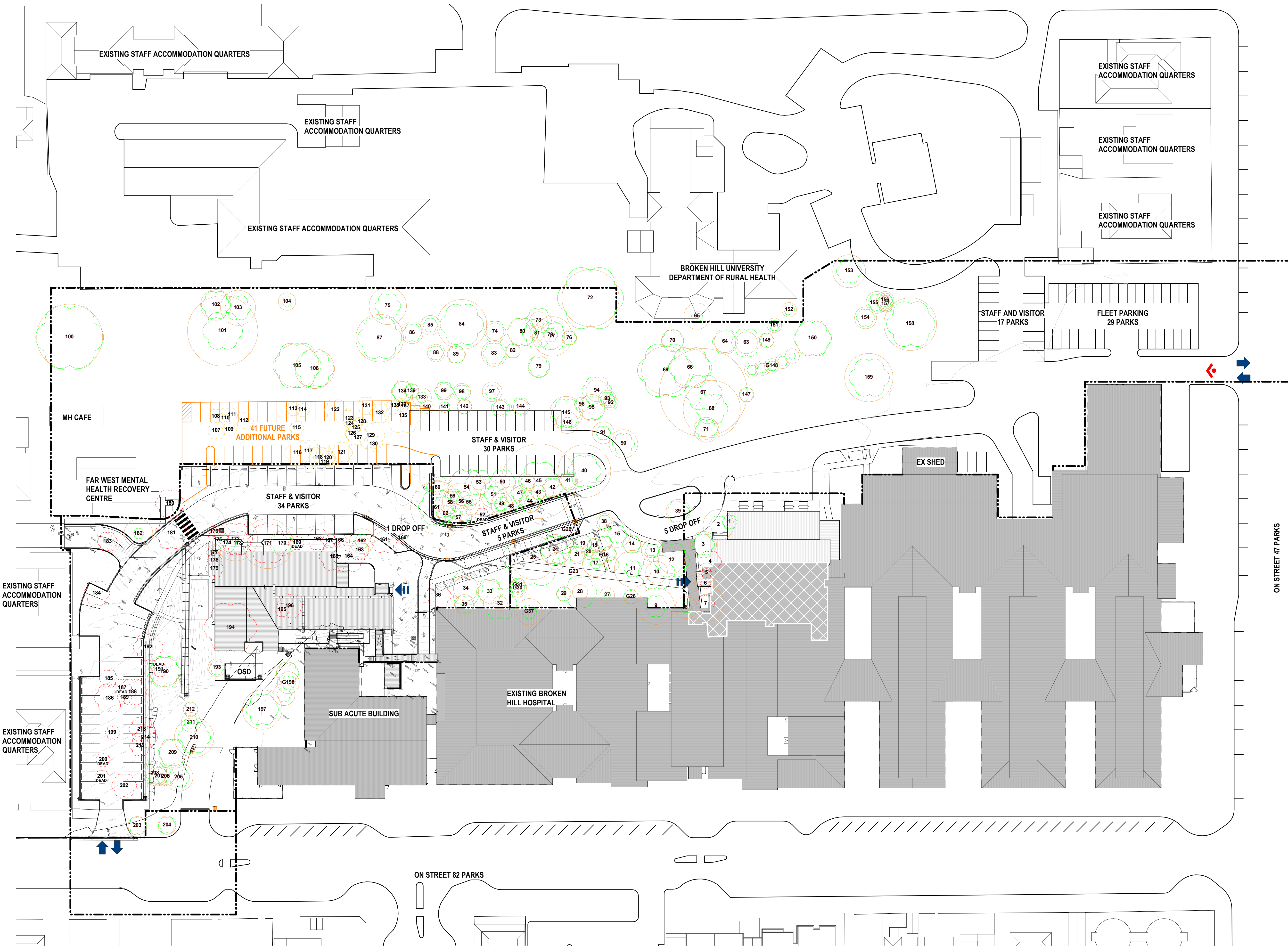
DRAWING TITLE:  
SITE PLAN



SCALE: As indicated	CHECKED:	DRAWING NUMBER	REVISION
DATE: 30.06.2023	JOB NO.: 22-147s	REF-LAN-L00-001	F
DRAWN:	DESIGNED:		

201\_HARDWORK 1\_500 SITE PLAN - REF ISSUE 1  
1 : 500





NOTES:  
1. Figured dimensions shall be taken in preference to scaling.  
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- LEGEND
- 102 Existing tree to be retained  
Quantity: 143
  - 102 Existing tree to be removed Stage 1  
Quantity: 38
  - 102 Existing tree to be removed Stage 2  
Quantity: 31
  - TPZ

E	REF ISSUE REVISED	16.10.2023
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PS	REF ISSUE	22.08.2023
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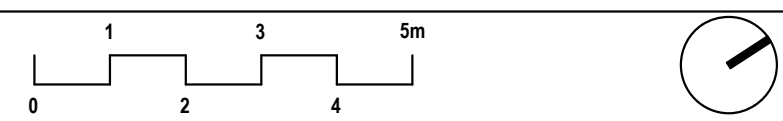
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**TaylorBrammer**  
TAYLOR BRAMMER LANDSCAPE ARCHITECTS PTY LTD  
SYDNEY STUDIO  
218 OXFORD STREET  
WOOLLAHRA NSW 2025  
T: +61 2 9387 8855  
F: +61 2 9387 8155  
E: SYDNEY@TAYLORBRAMMER.COM.AU

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CLIENT:  
STH Architects

DRAWING TITLE:  
TREE RETENTION AND REMOVAL  
PLAN



SCALE: As indicated	CHECKED:	DRAWING NUMBER	REVISION
DATE: 30.06.2023	JOB NO.: 22-147s	REF-LAN-000-002	F
DRAWN:	DESIGNED:		

201\_TREE RETENTIONAND REMOVAL PLAN 1\_500 - REF ISSUE  
1 : 500



# LANDSCAPE PROPOSAL - MHU PLAN



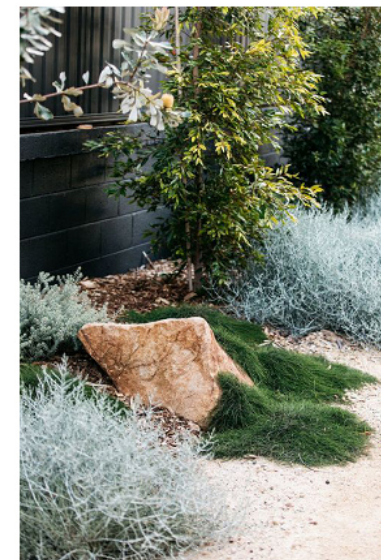
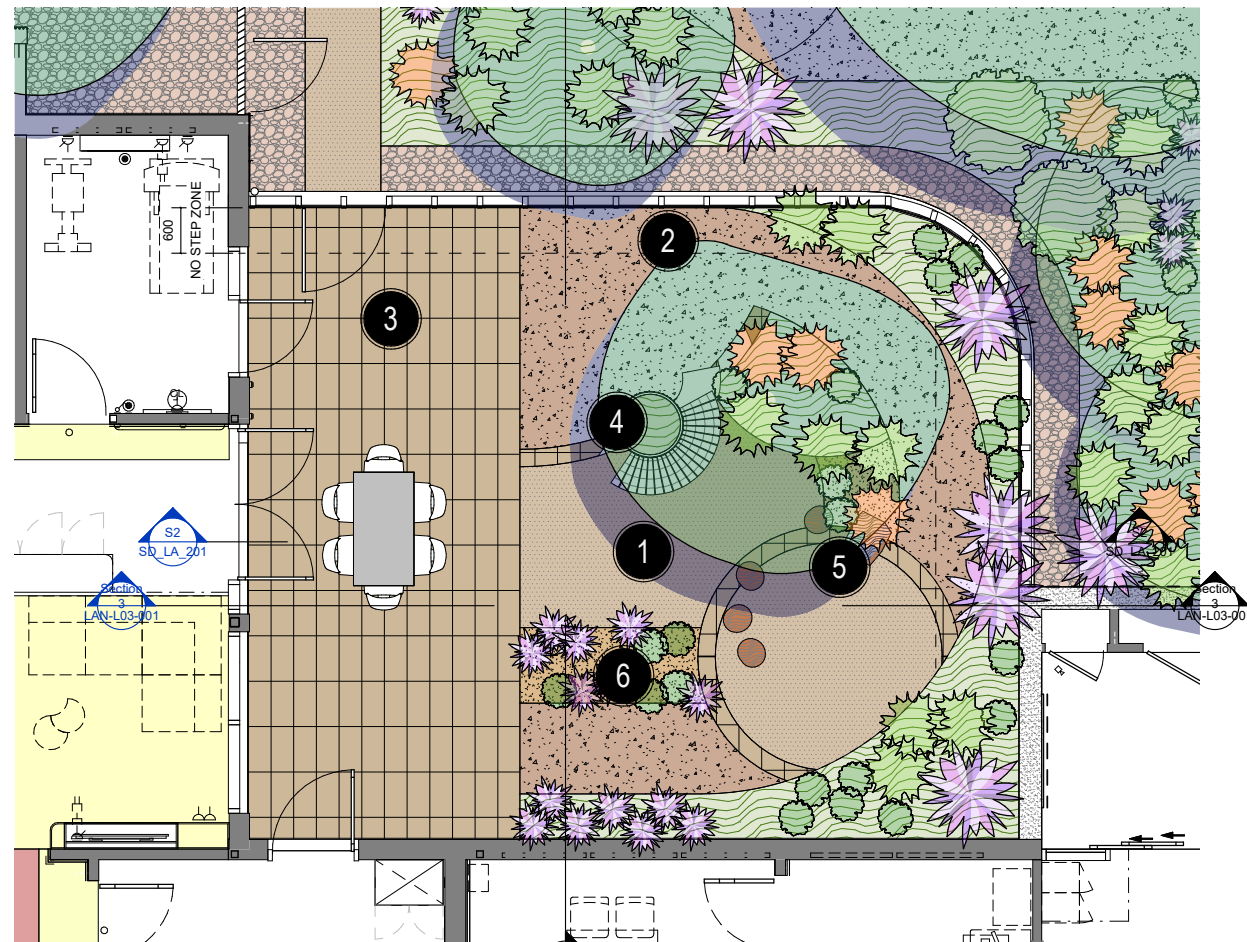
## Broken Hill MHU & Emergency Dept.



# LANDSCAPE PROPOSAL - MAIN COURTYARD

## Design Notes

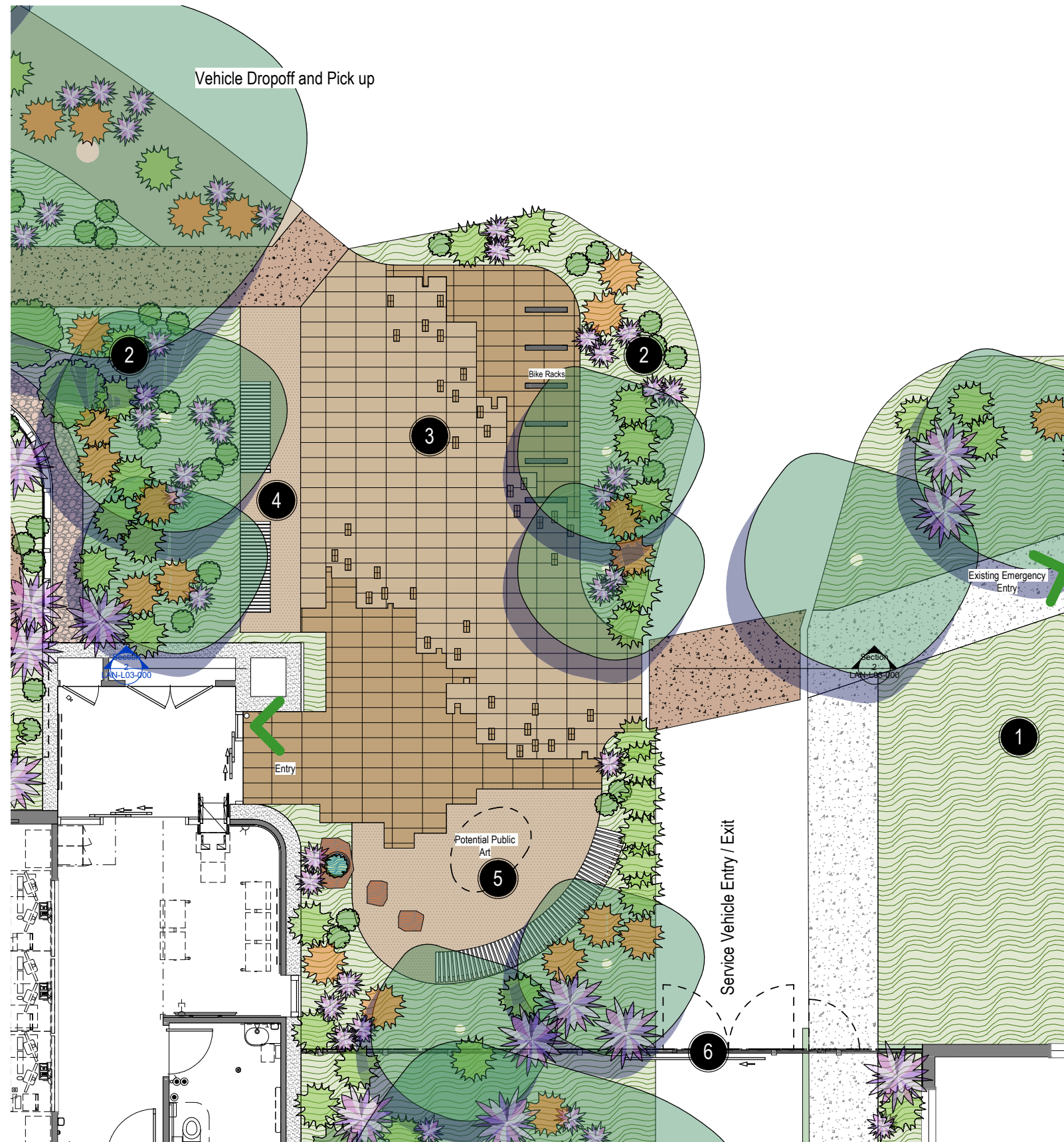
- 1 Open flexible breakout area
- 2 New native tree / shrub (Anti ligature)
- 3 Feature pavement to entry of colours matching the Broken Hill landscape
- 4 Raised planter with integrated seating
- 5 Yarning and seating areas
- 6 Dry creek bed with potential art (to future detail)



Broken Hill MHU & Emergency Dept.

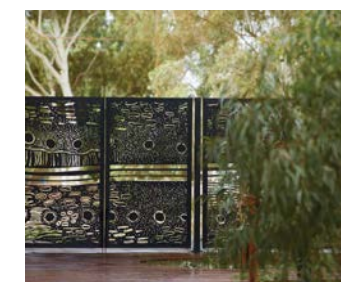


# LANDSCAPE PROPOSAL - ENTRY



## Design Notes

- 1 Existing garden and planting retained
- 2 New shade tree and planting to match existing
- 3 Feature pavement to entry of colours matching the Broken Hill landscape
- 4 Seating and waiting areas
- 5 Yarning and seating areas around public art element
- 6 Feature screen with lasercut patterns



Reference and character images

Broken Hill MHU & Emergency Dept.







# PLANTING CHARACTER







## Planting Strategy

The planting strategy for the site considers Mitigation Measure 30 from the OzArk Biodiversity Assessment and will seek to create a longterm and sustainable vegetated outcome for the benefit of the People who use the site and the local Environment. This will be achieved by:

1. Retaining existing tree and shade tree wherever possible
2. Using endemic planting with locally occurring native flora species to bare soil areas, enhancing local florisitc diversity and health including the propogation of Acacia aneura, Acacia victoriae and Atriplex vesicaria
3. Installing new trees in appropriate locations
4. Integrating Water Sensitive Urban Design principles into the design to retain and store rainwater in the ground

Planting Schedule						
TREE_ID	TREE_BOTANICAL_NAME	TREE_COMMON_NAME	TREE_POT_SIZE	TREE_HEIGHT	Count	Image
Ac-an	Acacia aneura	Mulga Wattle	100L	9000	19	
Ac-vi	Acacia victoriae	Gundablue	100L	4000	5	
At-ve	Atriplex vesicaria	Bladder Salt Bush	300mm	1000	46	
Er-lo	Eremophila longifolia	Emu bush	100L	15000	18	
Eu-ca	Eucalyptus camaldulensis	River Red Gum	100L	30000	22	
Eu-vi	Eucalyptus viminalis	Manna Gum	100L	25000	20	
Go-st	Gossypium sturtianum	Sturt's Desert Rose	300mm	1500	132	
Ja-li	Jasminum lineare	Desert Jasmine	300mm	1500	16	
Ma-br	Maireana brevifolia	Cotton Bush	300mm	1500	89	
Ol-pi	Olearia pimeleoides	Showy Daisy Bush	300mm	1000	145	
Rh-sp	Rhagodia spinescens	Spiny Salt Bush	300mm	500	54	

Planting Schedule						
TREE_ID	TREE_BOTANICAL_NAME	TREE_COMMON_NAME	TREE_POT_SIZE	TREE_HEIGHT	Count	Image
Sa-ac	Santalum acuminatum	Desert Quandong	300mm	5000	15	
Sc-di	Sclerolaena divaricata	Pale Poverty Bush	300mm	1000	176	
Se-ar	Senna artemisioides subsp. filifolia	Silver Cassia	300mm	2000	69	
So-st	Solanum sturtianum	Thargomindah Nightshade	300mm	2000	10	

Planting Schedule - Groundcovers									
Groundcover_ID	Botanical Name	Common Name	Mature Height	Spread	Pot Size	Quantity	Area	Groundcover_Density	Image
Ca-gl	Casuarina glauca	Casurina Cousin it	500	1200	150mm	94	<varies>	3	
Ha-me	Hardenbergia meema	Native Sarsparilla	300	2000	150mm	70	<varies>	3	
He-cu	Heliotropium curassavicum	Smooth Helio trope	100	1000	150mm	56	<varies>	3	
Li-mo	Liriope Monroe's White	Lily Turf	400	450	150mm	15	<varies>	3	
Lo-la	Lomandra 'Tanika'	Mat Rush	1000	600	150mm	142	<varies>	3	
Ro-pr	Rosmarinus prostratus	Prostrate Rosemary	200	1000	150mm	67	<varies>	3	
Sw-fo	Swainsona formosa	Sturts Desert Pea	200	2000	150mm	114	<varies>	3	



# MATERIAL CHARACTER

Materials Schedule			
Type Mark	Description	Manufacturer	Image
		Bowral Bricks PH: (02) 4861 3031	
PB-OG	River Rock (Mansfield)	Maswsons Concrete and Quarries PH: 1800 423 456	
PE-01	River Rock (Mansfield) - fine	Maswsons Concrete and Quarries PH: 1800 423 456 or similar	
PL-OG(E)	Red Gum Chips - Fine	Maswsons Concrete and Quarries PH: 1800 423 456	
PL-OG	Red Gum Chips	Maswsons Concrete and Quarries PH: 1800 423 456	
PV-01	BrieleyExposed Aggregate Concrete - Install with white cement. Apply retarder to the surface after pouring and pressure washed off to achieve the desired look	Geo Stone	
PV-02	Mixed brick paving from London Range - London Bowral Blue, London Chestnut, London Regency Grey (230x114x65)	Bowral Bricks PH: (02) 4861 3031	
PV-03	Mixed brick paving from London Range - London Bowral Blue, London Chestnut, London Regency Grey (230x114x65)	Bowral Bricks PH: (02) 4861 3031	
PV-DE	Decompoed Granite - Install decomposed granite with cement stabilising as specified. Install edging to all interfaces wit turf and planting	Australian Native Landscapes or equivalent PH: 13 14 58	