

Macquarie Point Multipurpose Stadium

Public Hearing Technical Note

Technical Note Number	10
Subject	Landscape plans
Date	7 July 2025

1. Background

- 1.1 During the hearing on 30 June, the Panel requested updated landscape plans and sought the inclusion of sign, lighting and hostile vehicle prevention information.
- 1.2 Consolidated and updated landscape plans are attached as requested.

2. Landscape Design

- 2.1 The landscape concept design for the project has been and continues to be developed through the detailed design process. Appropriately, a final detailed landscape plan is required to be prepared and approved under the draft conditions that will be circulated by the Proponent.
 - 2.2 Landscape concept plans were exhibited with the *Macquarie Point Planning Permit Bill 2025 (Bill)*.
 - 2.3 Since the exhibition of the Bill, the landscape design has progressed. The current version is contained at **Attachment 1**. The current concept plans advance the earlier design by showing the plaza areas in front of each of the stadium gates, the external concourse, and entry to the site, illustrating the area of landscaping that connect the development zones in the precinct, and support access to and through the site. Key updates in the design from the previous landscape plans include:
 - (a) advancement in design and clarification of type of finishes;
 - (b) a planting schedule; and
 - (c) introduction of low level soft landscaping to the western edge of the stadium, in the undercroft under the function room and corporate area.
 - 2.4 The planting schedule is provided at **Attachment 2**.
 - 2.5 The placement of individual street furniture, drink fountains, exact location of trees near gate egress areas and other miscellaneous items are being coordinated with pedestrian modelling and will be captured in the further refinement of the plans, as set out in the proposed permit conditions.
 - 2.6 The landscape design and planting schedule are consistent with the visualisations presented to the Panel by Mr Goss from Orbit Solutions.¹
- ### 3. Lighting and CCTV
- 3.1 The lighting and CCTV design has focused on leveraging the stadium's central location as a mounting point for precinct CCTV and to locate lighting. This allows for efficient central control and monitoring through the stadium's Operational Centre.
 - 3.2 Broader precinct lighting in areas such as the Aboriginal Culturally Informed Zone is subject to further design development.

¹ https://www.planning.tas.gov.au/_data/assets/pdf_file/0004/816529/Submission-MinterEllison-Christopher-Goss-Orbit-Solutions-Landscape-and-Visual-Impact-Assessment-25-June-2025.pdf

- 3.3 All lighting will be required to meet AS1158, with public spaces achieving an average of 14lux (horizontal); pathway type areas will achieve 7lux (horizontal); and the roadway type areas will achieve an average of 1.75lux (horizontal).
- 4. Hostile Vehicle Mitigation**
- 4.1 Hostile (or Harmful) vehicle mitigation (**HVM**) is a generic term that covers a suite of protective measures often employed around buildings (such as government or commercial buildings, transport hubs, sports or entertainment venues), places of mass gathering, or publicly accessible spaces or venues (such as pedestrianised precincts) to protect against unauthorised vehicle encroachment. Often the measures need to be finely balanced between protection requirements and enabling authorised vehicle access to service the operational needs of the site.
- 4.2 The approach to HVM was developed with assistance from specialist consultants Intelligent Risks Pty Ltd to consider the use and need for HVMs in the context of the stadium post-construction commissioning and during operations. The approach was developed:
- (a) having regard to Risk Management – Principles and Guidelines (ISO 31000:2009) and Security Risk Management (SAI, HB 167:2006); and
 - (b) informed by user group engagement, including a workshop held on 22 August 2024. The user group consisted of representatives of the Tasmania Police, Fire and Ambulance services.
- 4.3 The current HVM treatment is reflected in the updated landscaping plans. The HVM contemplates both permanent and temporary HVM treatments for both event and non-events days using a range of strategies, including permanent bollards, operable bollards, landscaping and temporary obstructions. The HVM plan will continue to be developed further with the next steps planned being:
- (a) further engagement and workshopping between the operator, proponent, Tasmania Police and other emergency services to fully understand operational intent and identify functional design inclusions that enable operations and risks; and
 - (b) consideration of the need for Vehicle Dynamics Analysis to determine the performance requirements for HVM measures.
- 4.4 The HVM treatment on the eastern and western sides of the precinct will be developed alongside the broader precinct development.
- 4.5 Day one stadium operation will consist of a mixture of permanent and temporary (installed for the duration of the event) HVM treatments incorporated into the landscape. This may include elements such as:
- (a) bollards;
 - (b) transportable planters; and
 - (c) landscaping in the form of bollards and rocks of a suitable size.
- 4.6 The final HVM Plan will be event specific and incorporated into the event and emergency management plans.

Attachment 1 – Current landscape concept plans

Due to file size, the landscape drawings are available via the following link:

<https://share.minterellison.com/w/02mm1ao3fT3Eq5TmUkdasnWLkX36r4UiRy8kUcmZXTAOj>

Attachment 2 – Planting schedule

MACQUARIE POINT MULTIPURPOSE STADIUM

DOCUMENT TITLE: PLANT SCHEDULE
DOCUMENT NUMBER: MPS-OCR-DR-LA-00-90-0002-PoS
DOCUMENT CONTROL: ISSUED FOR PROJECT OF STATE SIGNIFICANCE
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TREES

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE (L)	HEIGHT (M)	SPREAD (M)
EUC pul 200L	<i>Eucalyptus pulchella</i>	White Peppermint	200	10	6
EUC pau 100L	<i>Eucalyptus pauciflora</i> 'Little Snowman'	Snowgum	100	5	3-5
EUC pau 75L	<i>Eucalyptus pauciflora</i> 'Little Snowman'	Snowgum	75	5	3-5
EUC pau 35L	<i>Eucalyptus pauciflora</i> 'Little Snowman'	Snowgum	35	5	3-5
EUC mor 200L	<i>Eucalyptus morrisbyi</i>	Morrisbys Gum	200	6-8	4-8
EUC mor 100L	<i>Eucalyptus morrisbyi</i>	Morrisbys Gum	100	6-8	4-8
EUC mor 75L	<i>Eucalyptus morrisbyi</i>	Morrisbys Gum	75	6-8	4-8
EUC mor 35L	<i>Eucalyptus morrisbyi</i>	Morrisbys Gum	35	6-8	4-8
ALL ver 100L	<i>Eucalyptus risdonii</i>	Risdon Peppermint	100	6-8	2-6
ALL ver 75L	<i>Eucalyptus risdonii</i>	Risdon Peppermint	75	6-8	2-6
ALL ver 35L	<i>Eucalyptus risdonii</i>	Risdon Peppermint	35	6-8	2-6
CYA cun 75L	<i>Cyathea cunninghamii</i>	Slender Tree Fern	75	5	2.5
DIC ant 75L	<i>Dicksonia antarctica</i>	Soft Tree Fern	75	4	3

MIX 1 - Dry

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE (L)	HEIGHT (M)	SPREAD (M)
Groundcovers					
POA lab	<i>Poa labillardieri</i>	Tussock Grass	tube	1	1
THE tri	<i>Themeda triandra</i>	Kangaroo Grass	tube	0.8	0.7
AUS cae	<i>Austrodanthonia caespitosa</i>	Wallaby Grass	tube	0.6	0.5
AUS sti	<i>Austrostipa stipoides</i>	Coastal Spear Grass	tube	0.5	0.4
DIC cri	<i>Dichelachne crinita</i>	Long-hair Plume Grass	tube	1.5	0.4
BRA rig	<i>Brachyscome rigidula</i>	Cut Leaf Daisy	tube	0.3	0.5
CHR api	<i>Chrysocephalum apiculatum</i>	Common everlasting	tube	0.4	0.6
CAR ros	<i>Carpobrotus rossii</i>	Pig Face	tube	0.4	1.5
DIS cra	<i>Disphyma crassifolium</i>	Round Leaf Pigface	tube	0.4	1.5
Shrubs					
WES bre	<i>Westringia brevifolia</i>	Coast Westringia	4.5	1.5	1.5
ATR cin	<i>Atriplex cinerea</i>	Salt Bush	4.5	1.8	1.5
BUR spi	<i>Bursaria spinosa</i>	Sweet Bursaria	4.5	3	2.5
DOD vis	<i>Dodonaea viscosa</i>	Native Hop Bush	4.5	3	2.5
ACA ter	<i>Acacia terminalis</i>	Sunshine Wattle	4.5	3	2.5

MIX 2 - Moist

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE (L)	HEIGHT (M)	SPREAD (M)
Groundcovers					
LOM lon	<i>Lomandra longifolia</i>	Spiny-head Mat-rush	tube	0.8	1
JUN pal	<i>Juncus pallidus</i>	Pale Rush	tube	0.8	1
DIC rep	<i>Dicondra repens</i>	Kidney Weed	tube	0.8	1
DIA tas	<i>Dianella tasmanica</i>	Blue Flax Lily	tube	0.8	1
Shrubs					
EPA imp	<i>Epacris impressa</i>	Common Heath	4.5	1	1
COR alb	<i>Correa alba</i>	White correa	4.5	1.5	1.5
MEL squa	<i>Melaleuca squarrosa</i>	Scented Paperbark	4.5	5	4
MEL squ	<i>Melaleuca squamea</i>	Swamp Paperbark	4.5	2 - 3	1

MIX 3 - Wet

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE (L)	HEIGHT (M)	SPREAD (M)
BAL tet	<i>baloskion tetraphyllum</i>	Tassel Cord Rush	tube	1.5	2
BUL bul	<i>Bulbine bulbosa</i>	Bulbine lily	tube	0.6	0.6
DIP lat	<i>Diplarrena latifolia</i>	Flag Iris	tube	0.8	0.5
CHO eno	<i>Chorizandra enodis</i>	Black Bristlesedge	tube	1	1
CAR fas	<i>Carex fascicularis</i>	Tassel Sedge	tube	1.5	0.75
CAR tas	<i>Carex tasmanica</i>	Curly Sedge	tube	0.5	0.5

FIC nod	<i>Ficinia nodosa</i>	Knobby Club Rush	tube	1	0.7
JUN ama	<i>Juncus amabilis</i>	Hollow Rush	tube	1.2	0.5

MIX 4 - Shade Dry

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE (L)	HEIGHT (M)	SPREAD (M)
Groundcovers					
DIA tas	<i>Dianella tasmanica</i>	Tasmanian Flax Lily	tube	0.6	0.6
POA lab	<i>Poa labillardieri</i>	Tussock Grass	tube	1	1
LOM lon	<i>Lomandra longifolia</i>	Spiny-head Mat-rush	tube	0.8	1
LEU bro	<i>Leucophyta brownii</i>	Cushion Bush	tube	0.9	1.2
PIM hum	<i>Pimelea humilis</i>	Common Rice Flower	tube	0.5	0.5
CAL dub	<i>Calochlaena dubia</i>	Bracken Fern	tube	1.5	1
Shrubs					
POM ape	<i>Pomaderris apetala</i>	Native Dogwood	4.5	2	2
CAS tri	<i>Cassinia trinerva</i>	Three Nerved Cassinia	4.5	2-5	1.5-3
SPY obo	<i>Spyridium obovatum</i>	Dusty Miller	4.5	2.5	1.5
COR ref	<i>Correa reflexa</i>	Common Correa	4.5	1	1
BAN mar	<i>Banksia marginata</i>	Silver Banksia	4.5	2	3-5
LOM tin	<i>Lomatica tinctoria</i>	Guitar Plant	4.5	2	2

MIX 5 - Shade Moist

CODE	BOTANICAL NAME	COMMON NAME	POT SIZE (L)	HEIGHT (M)	SPREAD (M)
Groundcovers					
GAH gra	<i>Gahnia grandis</i>	Cutting Grass	tube	2.3	1.8
BAL tet	<i>Baloskion tetraphyllum</i>	Tassel Cord Rush	tube	1.2	0.8
VIO hed	<i>Viola hederacea</i>	Native Violet	tube	0.2	0.7
DIA cae	<i>Dianella caerulea</i>	Blue Flax Lilly	tube	0.2	0.7
DIC rep	<i>Dichondra repens</i>	Kidney Weed	tube	0.1	1.5
MEN aus	<i>Mentha australis</i>	River Mint	tube	0.45	0.7
Ferns					
BLE nud	<i>Blechnum nudum</i>	Fishbone Water Fern	tube	0.8	1.25
POL pro	<i>Polystichum proliferum</i>	Mother Shield Fern	tube	0.8	0.9
ASP aus	<i>Asplenium australasicum</i>	Birds Nest Fern	tube	0.8	1.25
HYP ole	<i>Hypolepis rugosula</i>	Ruddy Ground Fern	tube	0.45	0.6
Shrubs					
BAU rub	<i>Bauera rubioides</i>	Western White	4.5	1.5	1.25
LEP lan	<i>Leptospermum lanigerum</i>	Woolly Tea-tree	4.5	3	2.5