

SYDNEY DESIGN COLLECTIVE

Collaborative Landscape Architecture

35 Honeysuckle Drive, Lee Wharf, Newcastle | Landscape DA_REV D



LA- 01	Place + Identity	Overall Site Strategy
LA- 02	Place + Identity	Civic Connector
LA- 03	Planting	Civic Connector
LA- 04	Place + Identity	Waterfront Interface + Plaza
LA- 05	Planting	Waterfront Interface + Plaza
LA- 06	Place + Identity	Colonnade
LA- 07	Planting	Colonnade
LA- 08	Place + Identity	Honeysuckle Drive Public Domain
LA- 09	Place + Identity	Ground Floor and Plaza
LA- 10	Sections	Ground Floor and Plaza
LA- 11	Place + Identity	Level 7 Communal Rooftops
LA- 12	Sections	Level 7 Communal Rooftops

Waterfront Interface + Plaza



Foreshore Promenade by HDC

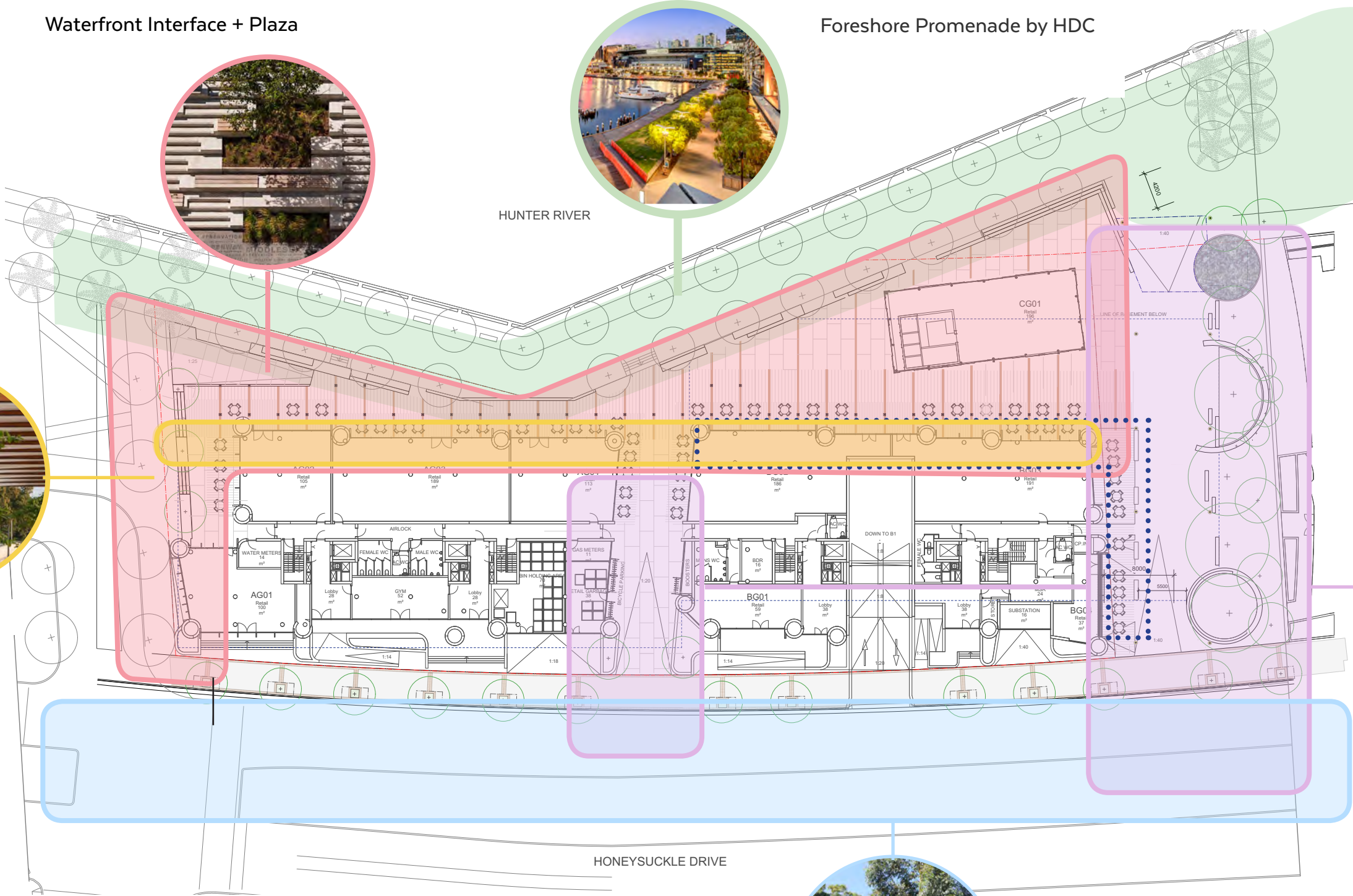


HUNTER RIVER



Colonnade

Civic Connector

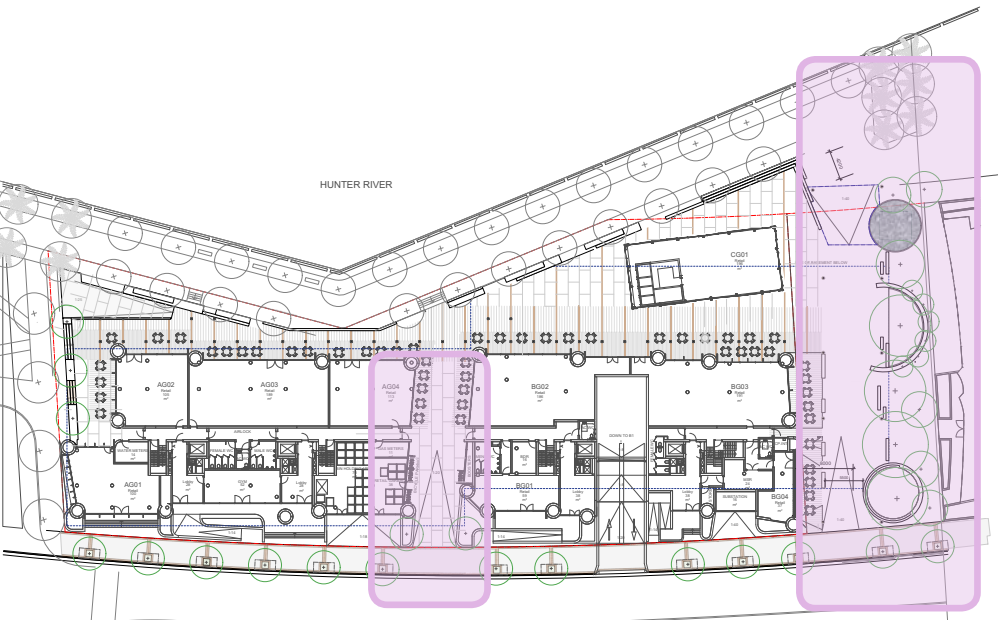


HONEYSUCKLE DRIVE

Honeysuckle Drive Interface



Place + Identity | The Civic Connector

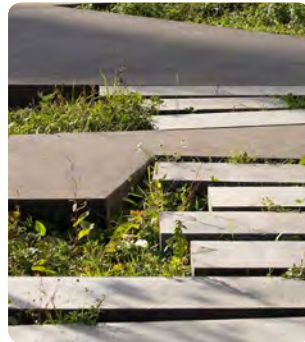


Principles

- This broad public connection to have a clear and logical visual and pedestrian connection between HSD and the waterfront.
- Hunter Development Corporation intend that there is a commonality of materials between this space and Honeysuckle Drive. There is more coordination and integration required.
- A good balance between greenery, pedestrian use and also places for people to rest in the shade or integrate in defined sub spaces.
- Possibility for an interactive focus for people, artwork or all ages play.
- Utilise graphics and integrated signage for clear way-finding.
- Generosity of low planting, turf, pavement and shade trees.
- There is to be a food and beverage zone adjacent to the building east and northern facade.
- Post top lighting to be provided.

Materials

- Recycled timber decking in feature bands,focussed on the colonnade.
- Insitu concrete or precast slabs as the matrix paving.
- Simple and robust furniture to reference the waterfront or HSD.
- Possibility of use of brick to tie into current or future detail for Honeysuckle Drive (in review between NCC and HDC)



Principles

- This space needs to allow trees and low planting to coexist with peoples needs; for proper access and circulation and opportunities to stop, rest or and play in the shade.
- Deep soil volumes are generous with the basement location not constraining generosity of planting.
- The tree planting based existing cues along Newcastle Harbour with tight groups of narrow palms and broad canopy trees.
- Palms and trees close to the promenade are front-line salt tolerant, those closer to Honeysuckle drive are salt tolerant with some protection, but also tolerate shadier conditions.
- Low planting follows a similar principle to the trees with a gradation of salt tolerance and consequent form and character.
- There is a preference for native species and proven and reliable exotic species, with species coordinated/referenced with the proposed promenade selections.
- The planting of the adjacent 21 HSD forms part of the design of this space (both developed by DOMA).

PLANT SCHEDULE -CIVIC CONNECTOR

BOTANICAL NAME	COMMON NAME	SALT TOL.	INDIGENOUS
TREES'			
Palms mixed			
Howea fosteriana	Lord Howe Is. Palm	High	Y
Livistona australis	Cabbage Tree Palm	High	Y
Washingtonia robusta	Cotton Palm	High	USA
Large Tree Options (Waterfront)			
Araucaria columnaris	Cook Pine	High	New Caledonia
Ficus obliqua	Small leaved Fig	High	Y
Podocarpus elata	Illawarra Plum	High	Y
Large Tree Options (Near HSD)			
Lophostemon confertus	Brushbox	Med	Y
Melaleuca leucodendron	Weeping Paperbark	High	QLD
Syzigium australe	Magenta Cherry	High	Y
SHRUBS			
Banksia robur	Swamp Banksia	High	Y
Correa alba	White Correa	High	Y
Eriostemon buxifolia	Box leaf Waxflower	Med	Y
Melaleuca hypercifolia Ulladulla	Safari Sunset	High	Y
Metrosideros collina Tahiti	Tahitian Christmas	High	N



Washingtonia robusta



Araucaria cookianum
(proposed in promenade)



Livistona australis



Ficus obliqua



Waterhousia floribunda



Melaleuca leucadendron



Lophostemon confertus



Acmena smithii



Melaleuca leucadendron



Westringia prostrate



Anigozanthos cultivars



Banksia integrifolia prostrate



Brachyscome white

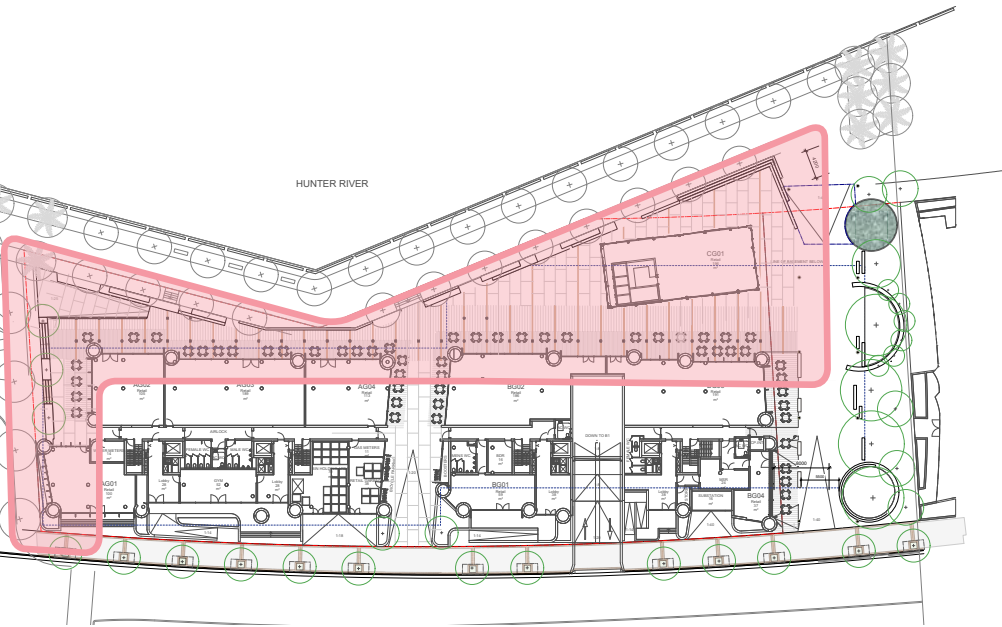


Darwinia citriodora Seaspray



Lomandra cultivars

Place + Identity | Waterfront Interface + Plaza



Principles

- Respond to the change in level between the plaza and the waterfront promenade in a sharply defined space that enables seating, all access and greenery where possible.
- Allow enough space in front of the ground floor retail and the restaurant for outdoor dining, clear circulation and facilitate for large numbers of people comfortably.
- Represent the materials of the precinct in a unique way that defines this plaza as a waterfront attraction.
- Provide generous and logical connection of spaces through and around the building.
- Level change and interface with promenade to interact with seats, planting, steps and low walls used to respond outwards to the promenade and internally to the plaza.
- For there to be designated food and beverage zones.
- Closely coordinated design with the public domain team and HDC.

Materials

- Precast concrete slabs as the main paving, with special areas highlighted with timber and steel.
- In ground timber pavement, wharf timbers and railway sleepers with a scale suitable for the space.



Principles

- Wind protection and small trees provided, but maintain a clear connection between the terrace space and the promenade.
- Carefully located planted to integrate with the linear seating spaces.
- Utilisation of high salt and heat tolerant plant species.
- Predominance of native species that express the coastal waterfront character.
- Utilise species that are flowing or cascading to emphasise the level difference with the terrace.
- Species selected have a compact form are low maintenance and are characterised by a compact form, leaf colour and texture and sporadic but heavy seasonal flowering.

PLANT SCHEDULE -WATERFRONT INTERFACE

BOTANICAL NAME	COMMON NAME	SALT TOL.	INDIGENOUS
TREES			
Small Tree Options			
<i>Corymbia ficifolia</i> cv <i>Wildfire</i>	Grafted Summer Corymbia	High	WA
<i>Cupaniopsis anacardioides</i>	Tuckeroo	High	Y
<i>Hibiscus tilaceous</i> ‘ <i>rubra</i> ’	Coast Hibiscus	High	Oceania
<i>Melaleuca linearifolia</i>	Snow in Summer	High	Y
<i>Metrosideros excelsa</i>	New Zealand Christmas Tree	High	NZ
SHRUBS			
<i>Banksia integrifolia</i> ‘ <i>Sentinal</i> ’	Fastigate Coast Banksia	High	Y
<i>Protea nerifolia</i>	Pink Ice Protea	High	Sth AFR
<i>Leptospermum morrisonii</i> <i>Burgundy</i>	Burgundy Tea Tree	High	Y
<i>Metrosideros collina</i> <i>Fiji Fire</i>	Fiji Fire	High	Oceania
CASCADING PLANTS AND GROUNDCOVERS			
<i>Austrostipa stipoides</i>	Coastal Spear Grass	High	Y
<i>Aoium prostratum</i>	Sea Celery	High	Y
<i>Atriplex cinerea</i>	Coastal Saltbush	High	Sth AUS
<i>Cotyledon orbiculata</i>	Round leaved Cotyledon	High	Sth AFR
<i>Casuarina glauca</i> ‘ <i>Cousin It</i> ’	Prostrate Casuarina	High	Y
<i>Darwinia citriodora</i> ‘ <i>Seaspray</i> ’	Lemon scented Myrtle	High	WA
<i>Isopogon anemifolius</i> <i>Little Drumsticks</i> ’	Native Drumsticks	High	Y
<i>Leptospermum</i> <i>Pink Cascade</i>	Pink Cascade	High	EUR
<i>Leucophyta brownii</i> <i>Moonshine</i>	Cushion Bush	High	Sth AUS
<i>Rhagodia spinescens</i>	Aussie Flat Bush (Saltbush)	High	Y
<i>Rosmarinus prostratus</i>	Prostrate Rosemary	High	EUR



Corymbia flowering dwarf.



Cupaniopsis anacardioides



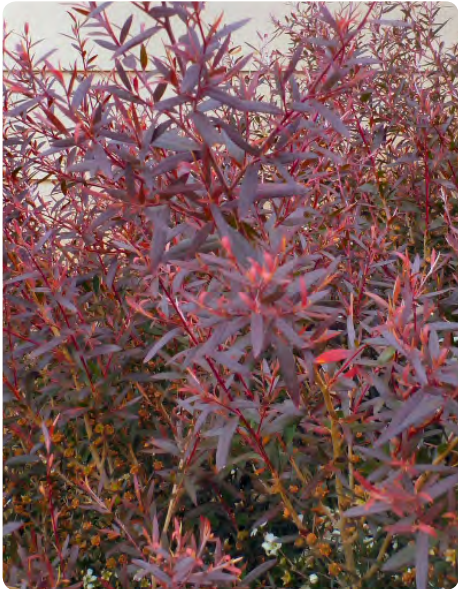
Hibiscus tilaceous rubra



Melaleuca linearifolia



Banksia integrifolia Sentinel



Leptospermum morrisonii Burgundy



Leucodendron cultivars



Banksia ericafolia Giant Candles



Leptospermum dwarf cultivars



Leptospermum Foreshore



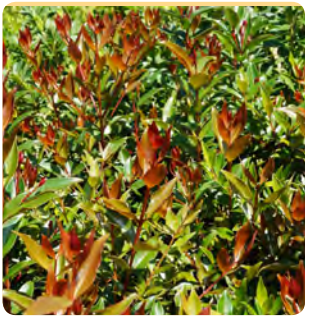
Leucophyta brownii



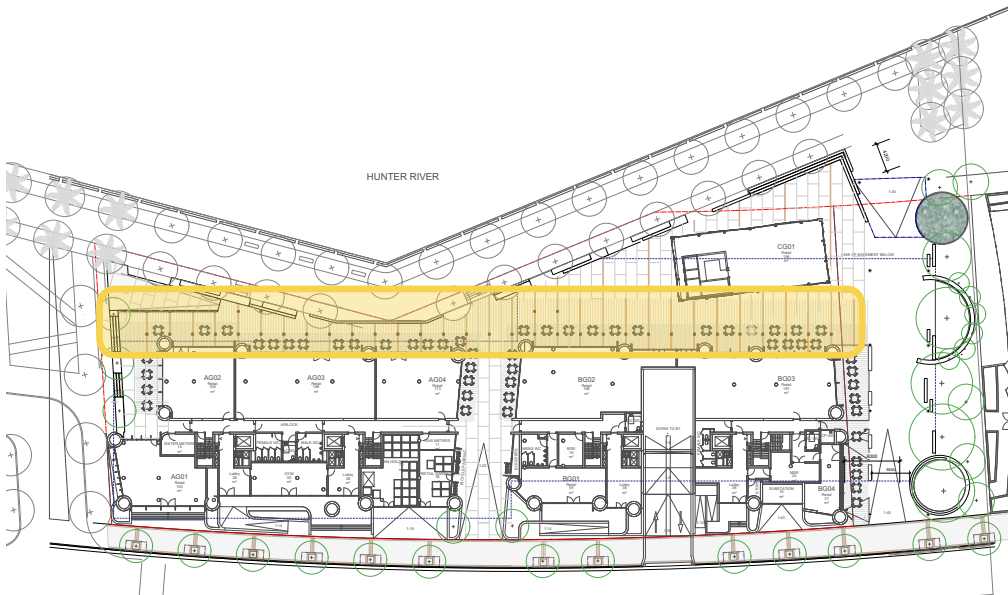
Leptospermum Vertical Drop



Rhagodia cultivars

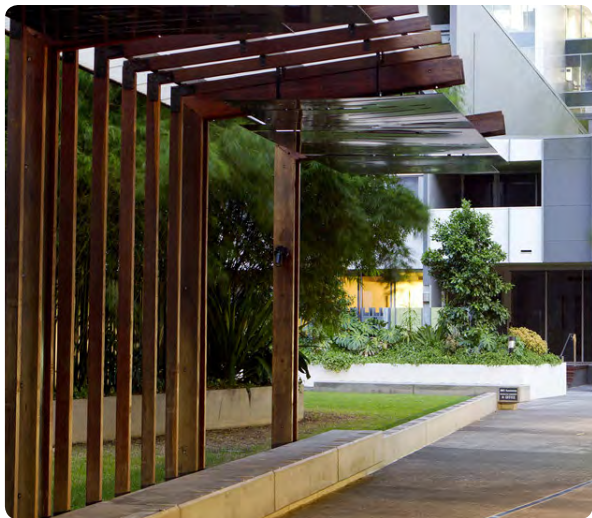


Metrosideros Fiji Fire



Principles

- Provide a clear separation between the facade of the towers and the detached restaurant building.
- Define the Food and Beverage Zone to minimise conflict with egress.
- Respond to the different facades by switching the orientation of the structure, in towards the tower or the restaurant.
- Structure to use the same material for rhythm,
- The colonnade/ arbour is to be modular with segment types that provide either shade, wind protection, all-weather protection, a frame for vine greenery or to accommodate cascading plants from above.
- The number of modules and their function to be not too complicated to ensure a pleasing rhythm along the length of the structure.



Materials

- Timber post and beams.
- Tensioned stainless steel growing and climbing frame.
- Perforated steel or aluminium cladding for shelter and architectural shade.
- Integrated planters with structure for growing vines and cascading plants.
- Vine planting only in deep soil beyond basement zone to ensure adequate soil volumes.



Principles

- A mixture of vines that are either twining or large scrambling with cascading plants.
- Planting containers on grade or integrated within the structure to allow vines to climb up or scramblers and cascading plants to hang from the colonnade.
- Ease of maintenance access, irrigation and drainage will be integrated into the design using tried and proprietary systems.
- Planting will help provide shading and reinforce the screening shading of the small trees in the waterfront interface.
- Shadow pattern and shade quality will be an essential part of the character of the colonnade.

PLANT SCHEDULE -COLONNADE

BOTANICAL NAME	COMMON NAME	SALT TOL.	INDIGENOUS
VINES			
<i>Bouganvillea spectabilis</i> Yellow	Yellow Bouganvillea	High	Brazil
<i>Hardenbergia violacea</i> Snow White	White Native Wisteria	High	Y
<i>Hibbertia scandens</i>	Snake Vine	High	Y
<i>Mandevilla White Fantasy</i>	White Mandevilla	Med	Sth America
<i>Passiflora coccinea</i>	Scarlet Passionflower	Med	Sth America
<i>Stephanotis floribunda</i>	Madagascar Jasmine	Med	MGSC
VERTICAL CASCADING PLANTS			
<i>Carpobrotus glauca</i>	Pigface	High	Y
<i>Casuarina glauca</i> ‘Cousin It’	Prostrate Casuarina	High	Y
<i>Leptospermum Vertical Drop</i>	Vertical Drop	High	Y
<i>Leucophyta brownii</i> Moonshine	Cushion Bush	High	Sth AUS
<i>Rhipsalis clavata</i>	Mistletoe Cactus	High	Sth America
<i>Rosmarinus prostratus</i>	Prostrate Rosemary	High	EUR
<i>Senecio rowleyanus</i>	String of pearls	High	Sth Africa



Bouganvillea cultivars



Hibbertia scandens



Stephanotis floribunda



Mandevilla cultivars



Passiflora coccinea



Hardenbergia cultivars



Carpobrotus glauca



Casuarina cultivars



Leptospermum prostratum



Rhipsalis species

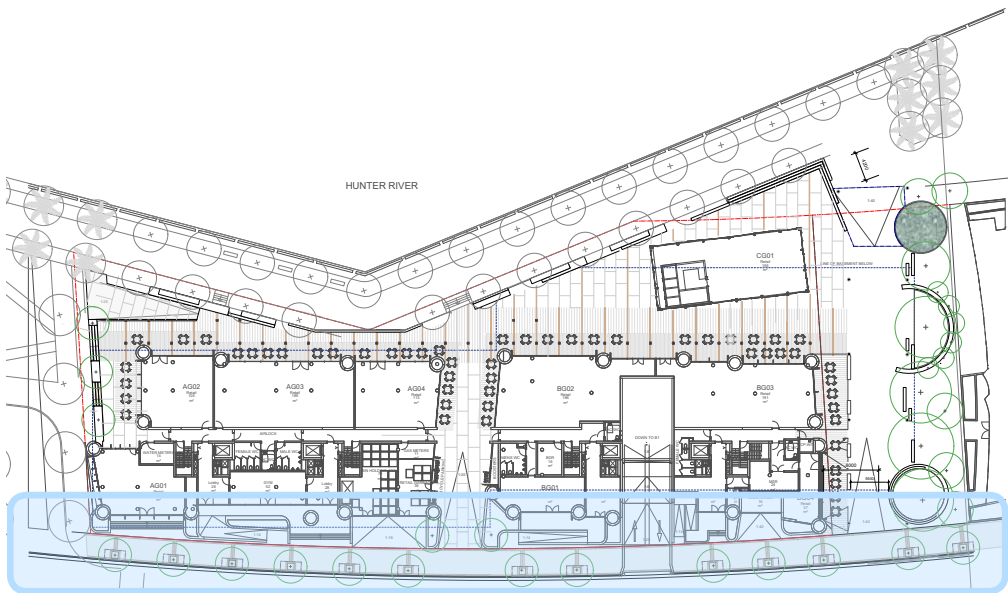


Rosmarinus prostratum



Senecio rowleyanus

Place + Identity | Honeysuckle Drive Public Domain



Principles

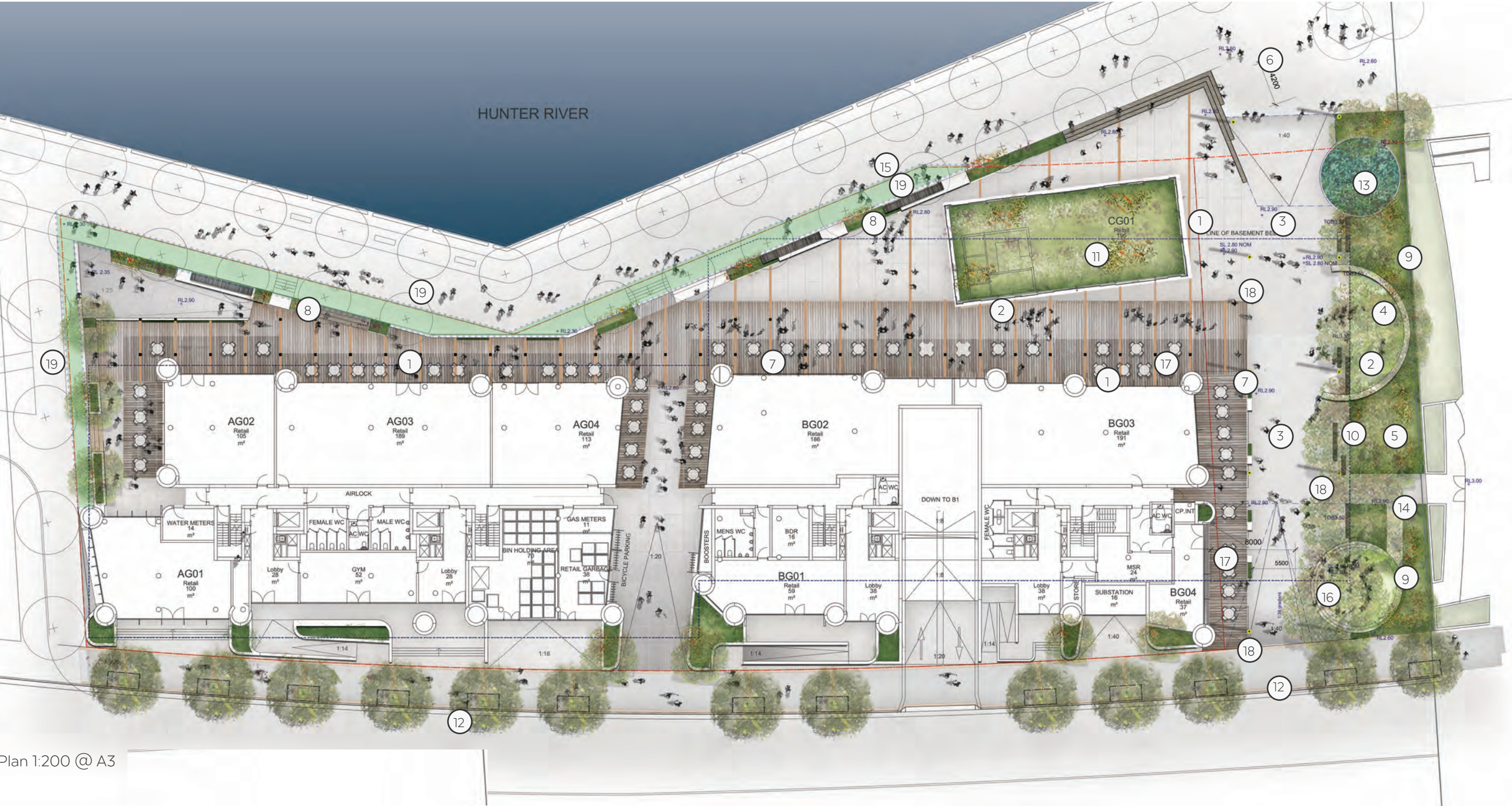
- Paving to be as agreed and discussed with HDC, Urbis, Council and other key stakeholders.
- Council current detail is insitu concrete infill between banding. Concrete paving to continue into building entries within the property boundary for consistency. A precedent for this is Hunter Water building opposite.
- Trees selected Magenta Cherry (Lili Pilli) .

Materials

- Clay brick soldier course along the back of kerb and along the boundary line.
- Single clay brick paving tree surrounds and ramps.
- Double soldier course band at tree pits.
- Off white concrete infill between bands with full width broom finish.



Landscape Plan | Ground Floor and Public Domain Design



Plan 1:200 @ A3

Legend

- 1. High quality timber decking with varied alignment to differentiate the different publicly accessible zones.
- 2. Insitu concrete paving with timber inlay detail.
- 3. Paving over basement zone. Paving materials to match footpath on Honeysuckle Drive to future detail (i.e. concrete/concrete pavers/brick).
- 4. Seats and planters combined to give a relaxed character to the through site link .Trees are located within deep soil zones, massed planting is maximised within this area.
- 5. Trees to include small groups of palms and larger shade trees. Planting should be

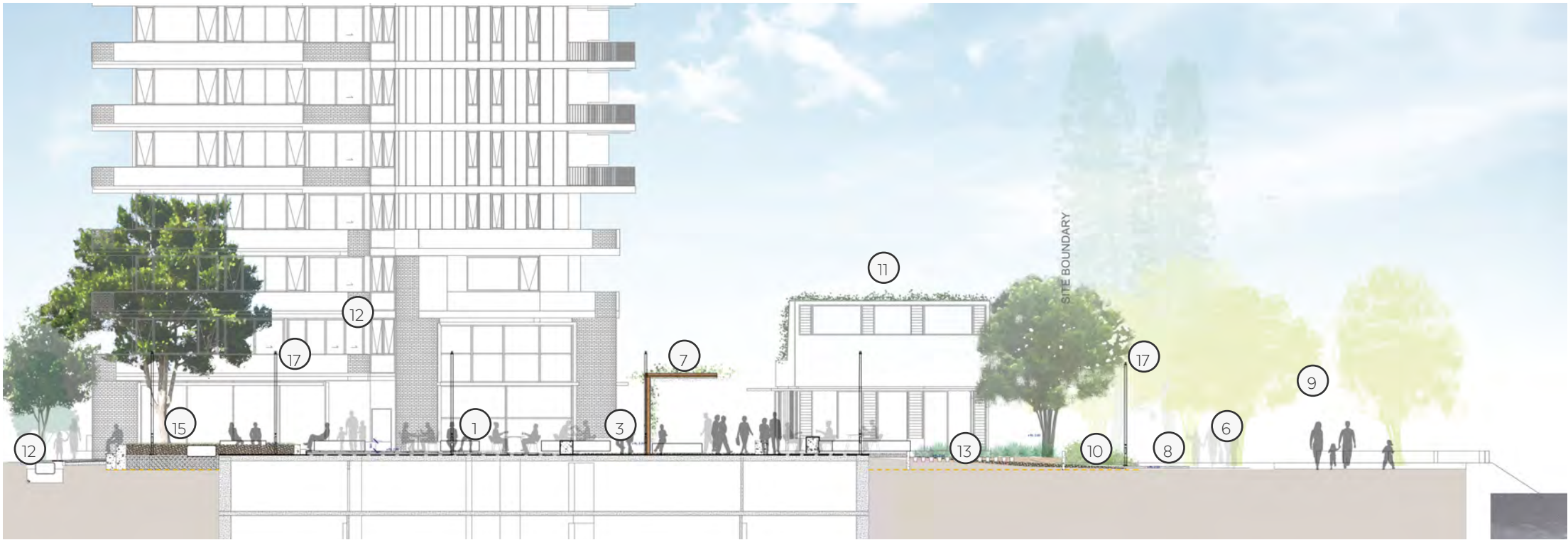
consistent with proposed along waterfront.

- 6. Potential for an 'attractor' with multiple functions such as informal water play within the promenade by HDC consultant.
- 7. Arbor /colonnade and floor treatment shown as a continuation of a timber treatment to denote the strong retail focus of the ground floor and the outdoor dining for the restaurant.
- 8. Landscape terrace edge with planting and seating of different forms to be coordinated with HDC consultant for the promenade.
- 9. Clusters of tall palms and larger shade trees throughout civic connector.
- 10. Generous planting and turf zone to form a linear park edge with 21HSD to maximise greenery to the civic connector, and still provide clear access and

sightlines.

- 11. Low coastal planting to retail green roof. Shallow lightweight soil profile.
- 12. Streetscape treatment to be confirmed by HDC/NCC.
- 13. Biofiltration rain garden 30msq as directed by civil engineer.
- 14. Access to 21HSD Gym from civic connector as well as all access to turf zone.
- 15. Nominal preliminary design for promenade being developed by HDC.
- 16. Turf spaces with feature tree.
- 17. Food and beverage zone delineated.
- 18. Post top lighting to Council standard. P2 Lighting shown nominally 10-15m max spacing.
- 19. Extent of promenade to be delivered by DOMA.

Landscape Sections | Ground Floor



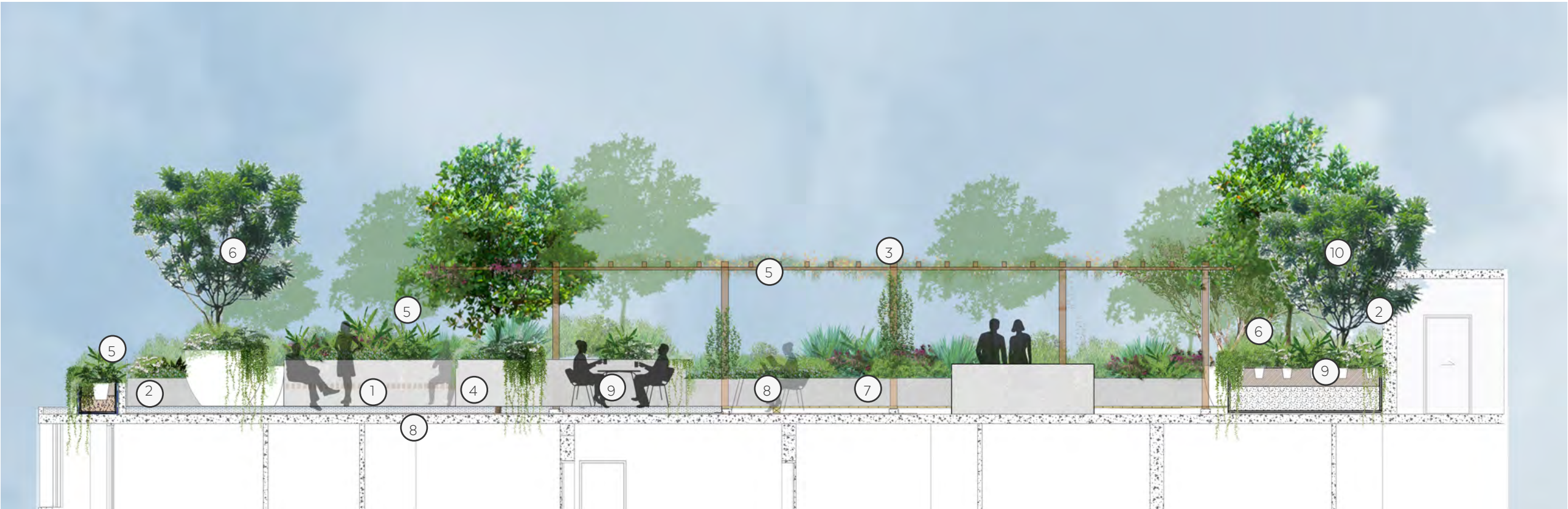
Legend

1. Food and beverage zone adjacent to building.
2. Clear paved zone for view corridor and connection to laneway across Honeysuckle Drive, consistent with master plan objectives.
3. Paving over basement zone. Paving materials to match footpath on Honeysuckle Drive to future detail (i.e. concrete/concrete pavers/brick).
4. Seats and planters combined to give a relaxed character to the through site link. Trees are located within deep soil zones, massed planting is maximised within this area.
5. Trees to include small groups of palms and larger shade trees. Planting should be consistent with proposed along waterfront.
6. Potential for an 'attractor' with multiple functions such as informal water play within the promenade by HDC consultant.
7. Arbor /colonnade and floor treatment shown as a continuation of a timber treatment to denote the strong retail focus of the ground floor and the outdoor dining for the restaurant.
8. Landscape terrace edge with planting and seating of different forms to be coordinated with HDC consultant for the promenade.
9. Proposed landscape for promenade by HDC shown notionally.
10. Generous planting and turfed zone to form a linear park edge with 21HSD to maximise greenery to the civic connector, and still provide clear access and sightlines.
11. Low coastal planting to retail green roof. Shallow lightweight soil profile.
12. Streetscape treatment to be confirmed by HDC/NCC.
13. Biofiltration rain garden 30msq as directed by civil engineer.
14. Access to 21HSD Gym from civic connector.
15. Turf spaces with feature tree.
16. Landscape buffer within 21 HSD.
17. Post top lighting shown nominally at 10-15m spacing maximum subject to lighting engineer input.

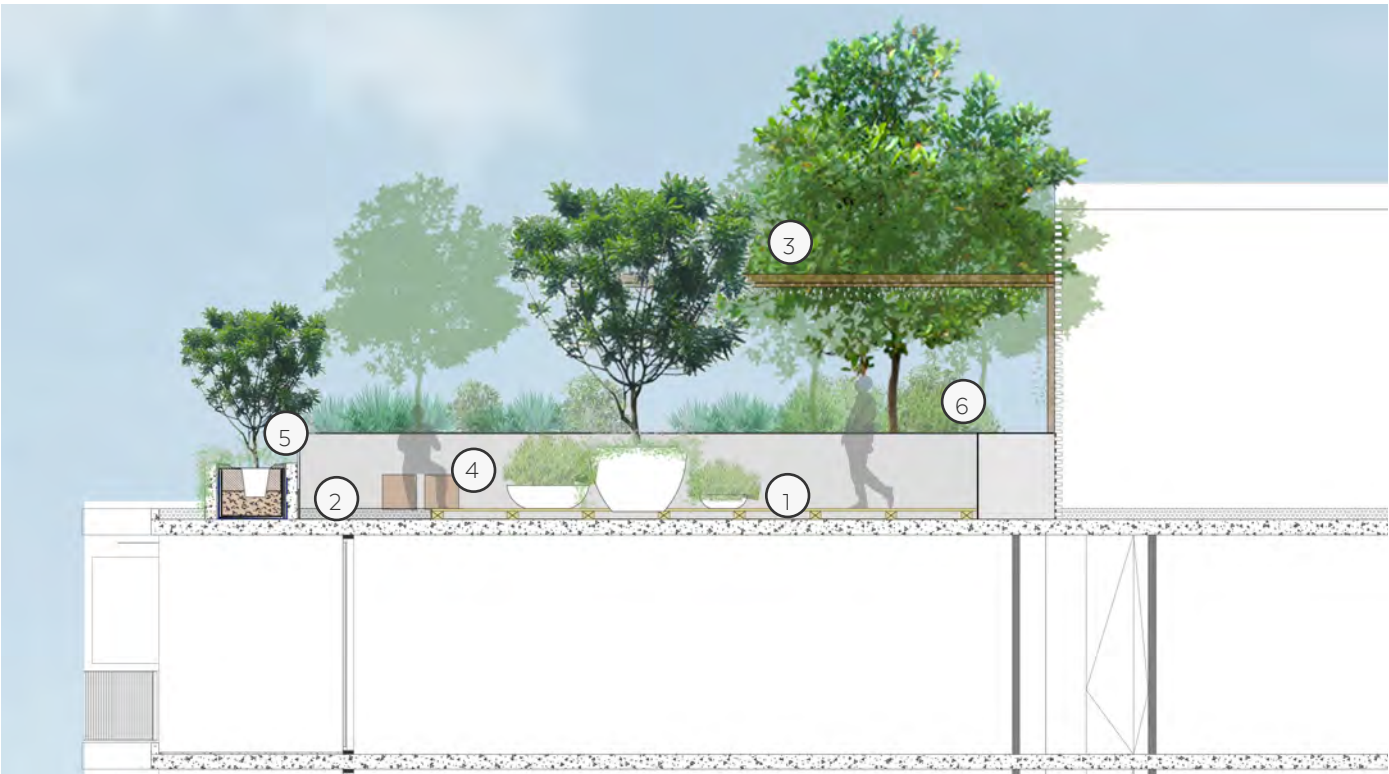
Long Section- Civic Connector 1: 200 @ A3

Legend

1. High quality timber decking with varied alignment to differentiate different types of gathering spaces.
2. Two types of gravel will provide interest and break up spaces.
3. Timber arbor referencing ground floor outdoor dining colonnade design.
4. Seats and planters are combined to create spaces in various sizes and functions.
5. Low palisade edge perimeter planter with massed planting and small shrubs (outside the balustrade) within the strata title for consistent maintenance.
6. To provide shade and intimacy
7. Useable space for larger gatherings near the foyer including dining areas for two groups with two BBQ s.
8. Large private terrace. Paving decking to be confirmed with furnishing by owner/tenant.
9. Loose furniture to all decking areas.
10. Screen planting to private terrace and creating separation with communal space.



Long Section- Rooftop Communal Courtyard 1:200 @ A3



Cross Section- Rooftop Communal Courtyard 1:200 @ A3

Legend

- 1. High quality timber decking with varied alignment to differentiate different types of gathering spaces.
- 2. Two types of gravel will provide interest and break up spaces.
- 3. Timber arbor referencing ground floor outdoor dining colonnade design.
- 4. Seats and planters are combined to create spaces in various sizes and functions.
- 5. Low palisade edge perimeter planter with massed planting and small shrubs (outside the balustrade) within the strata title for consistent maintenance.
- 6. Larger trees and shrubs in spacious planters to maximize greenery and to provide shade and intimacy
- 7. Useable space for larger gatherings near the foyer including dining areas for two groups with two BBQ s.
- 8. Large private terrace. Paving decking to be confirmed with furnishing by owner/tenant.
- 9. Loose furniture to all decking areas.
- 10. Screen planting to private terrace and creating separation with communal space.