

NOVUS ON HARRIS
39-43 Hassall Street Parramatta

Landscape SDDA Design Report - S4.56

Prepared for **NOVUS**

Revision **G**

Date **06 May 2025**



New South Wales Government
Independent Planning Commission

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Approved Section 4.55 (2) Modification Application

Approved Application No: SSD-34919690

Approved on: 31 July 2025

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Image: By Rothelowman

Acknowledgment Of Country

Landfx would like to acknowledge the Dharug people who are the traditional owners of the land of Parramatta. Landfx pays respect to the elders past and present of the Dharug nation and extends that respect to other Aboriginal people who now reside within this area.





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Revisions

Rev	Description	Date
A	Landscape SSDA Report	15.11.22
B	Landscape SSDA Report	09.12.22
C	Landscape SSDA Report	16.10.23
D	Landscape SSDA Report [S4.56]	08.08.24
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F	Landscape SSDA Report [S4.56]	13.12.24
G	Landscape SSDA Report [S4.56]	14.03.25
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G	Landscape SSDA Report [S4.56]	06.05.25



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Regional Context

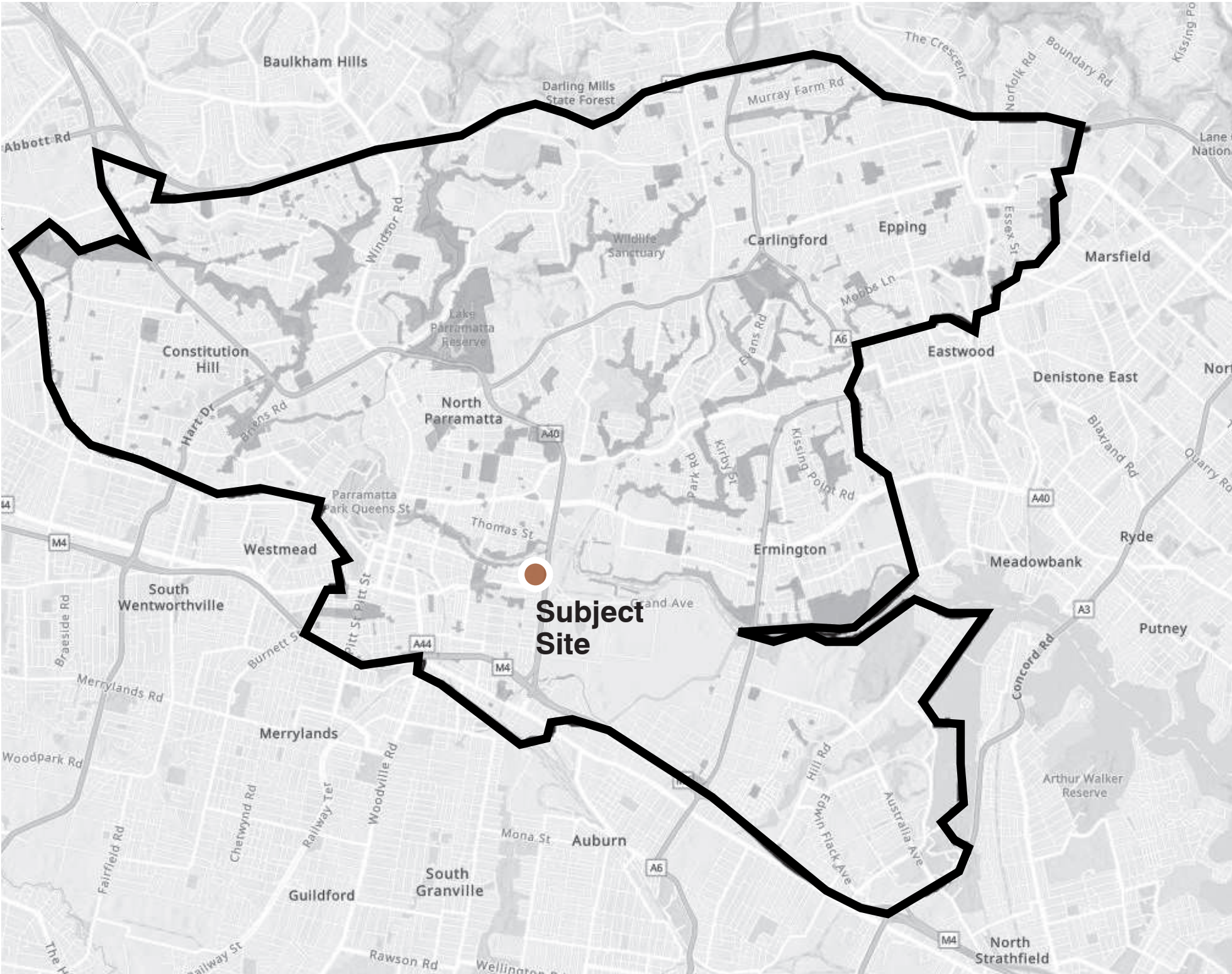


Elevation: 18 m
Area: 5.3 km²
Founded: 1788
Postal code: 2150

General:

- The Parramatta Council LGA is located approx. 25km west of Sydney’s CBD.
- Parramatta is a commercial centre in Greater Western Sydney, NSW.
- Parramatta is regarded as the main business district of Greater Western Sydney
- Parramatta was founded in 1788 (same year as Sydney) and is the oldest inland settlement in Australia
- Prior to European settlement The Dharug people who occupied the land regarded the area as rich in food from the river and forests

Map Source: www.experience.arcgis.com



Local Context

‘The River City’

39-43 Hassall St is located approx. 500m from Parramatta CBD, 350m from the Ferry Wharf, 400m from Train Station, 650m from Light Rail Station and 300m from Parramatta River.

Church St (Approx 800m) is home to various amenities such as retail outlets and restaurants.

Parramatta is a major business centre and home to the 10th largest shopping centre in Australia ‘Westfield Parramatta’

To the East of the site and on the other side of Harris St sits adjacent parklands James Ruse Reserve and Robin Thomas Reserve where a skate park and water park prove to be popular space for all ages.



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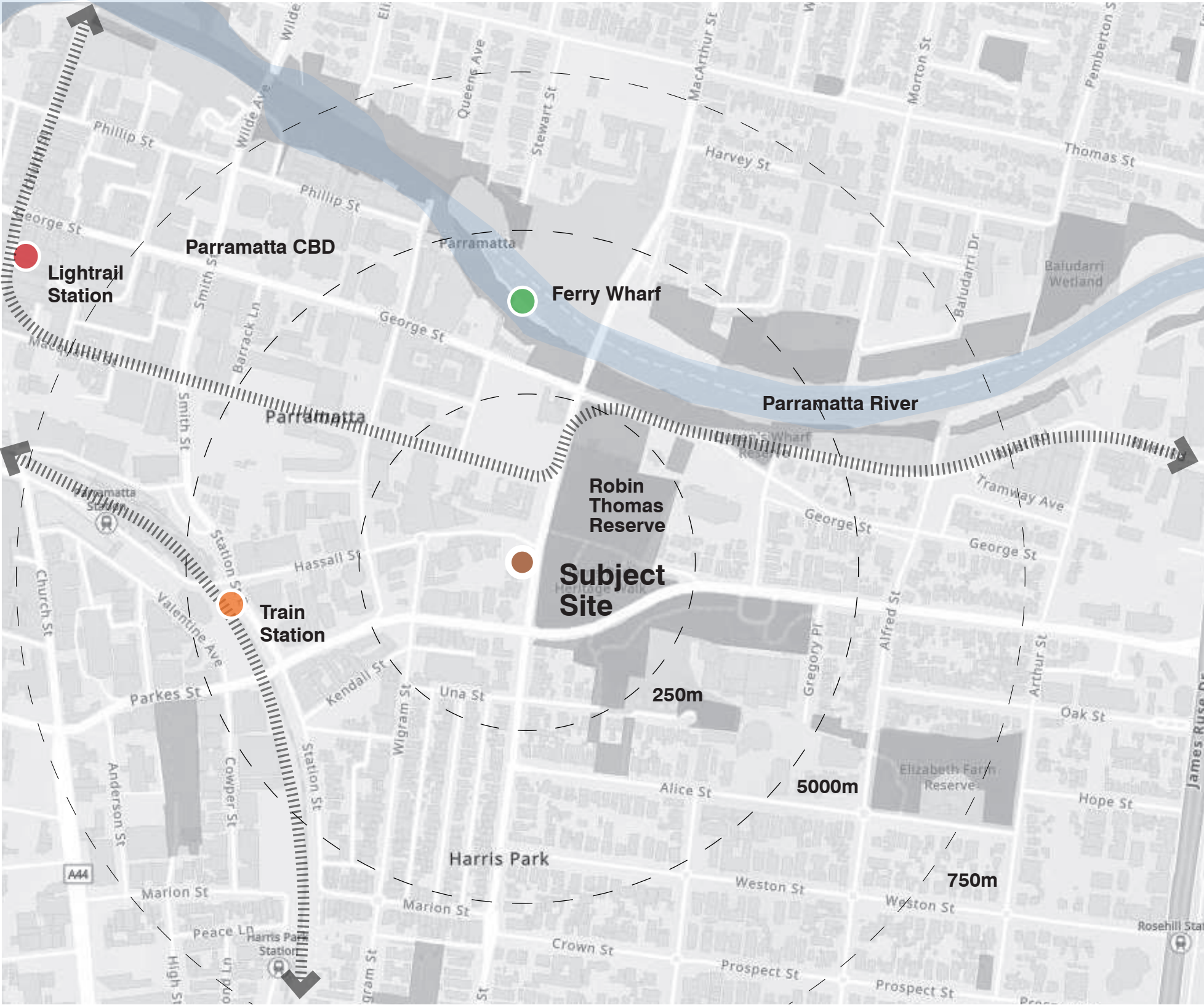
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Map Source: www.experience.arcgis.com



Points of Interest

Map Source: www.experience.arcgis.com



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Parramatta Train Station



via Hassall St

6 min

500 m



Parramatta Wharf



via Hassall St and Charles St

10 min

800 m



Parramatta Park



via Macquarie St

18 min

1.5 km



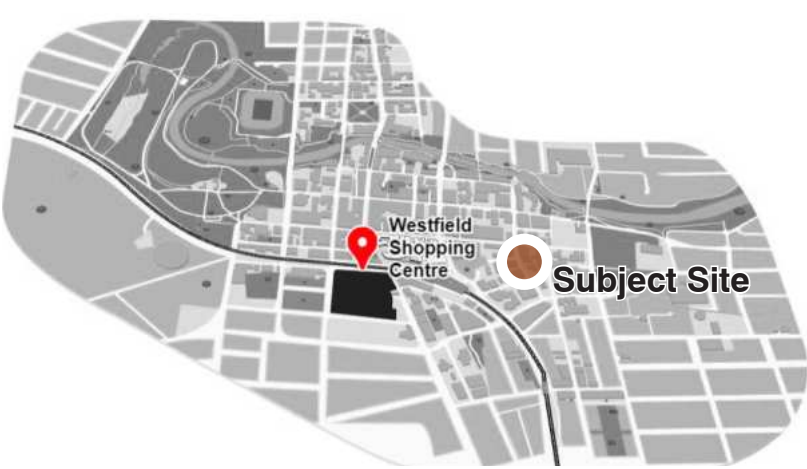
Western Sydney University



via Harris St

25 min

1.9 km



Westfield Shopping Centre



via Hassall St and Darcy St

11 min

850 m



Sports Stadium

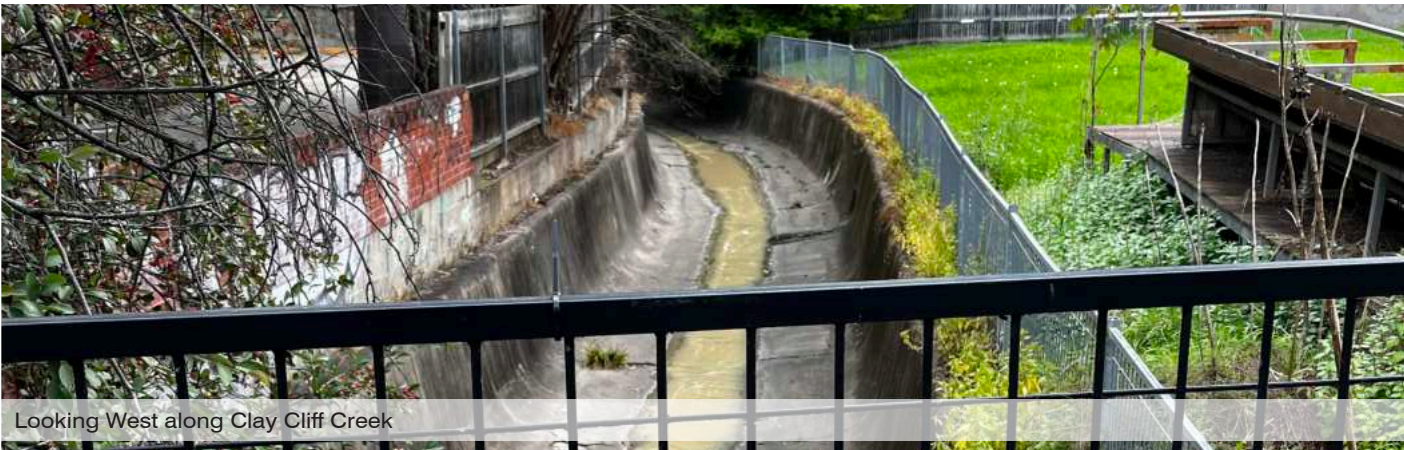
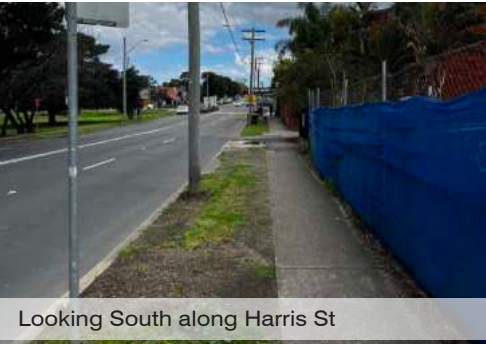


via Macquarie St and O'Connell St

23 min

1.9 km

Site Photos



Size

Approx. 1350m2

Levels:

Minor levels change around site perimeter

- | | |
|---------------------------------|---------------|
| - NE to SE Corner (Harris St): | 580mm (1:56) |
| - NW to NE Corner (Hassall St): | 260mm (1:175) |
| - NE to SW Corners: | 270mm (1:190) |
| - NW to SE Corners: | 320mm (1:187) |

Site Views

North towards Parramatta River
East towards neighbouring parklands

Adjacent Parklands

James Ruse and
Robin Thomas Reserves

Clay Cliff Creek

Aligns southern boundary and runs
from SW to SE corners Approx.
1.6m deep concrete drainage chan-
nel

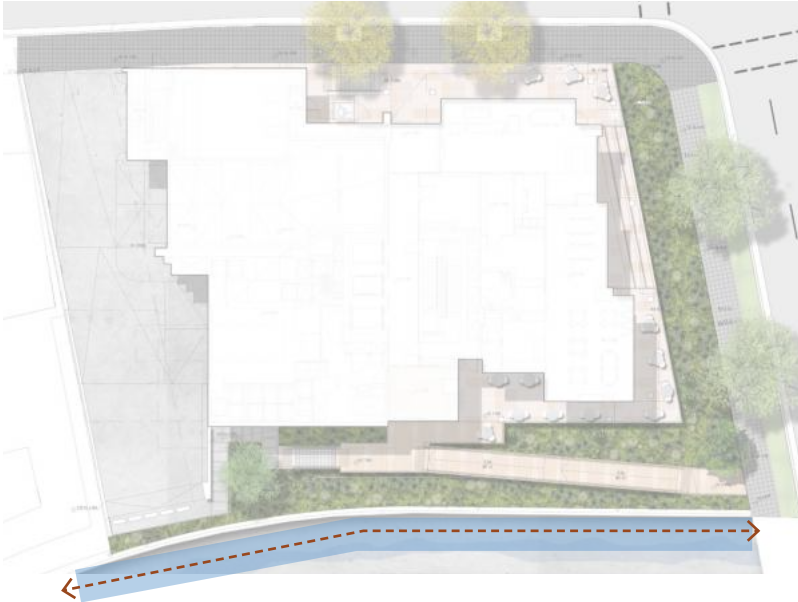
Transport

Approx. 100m from soon to be opened
Parramatta Light Rail

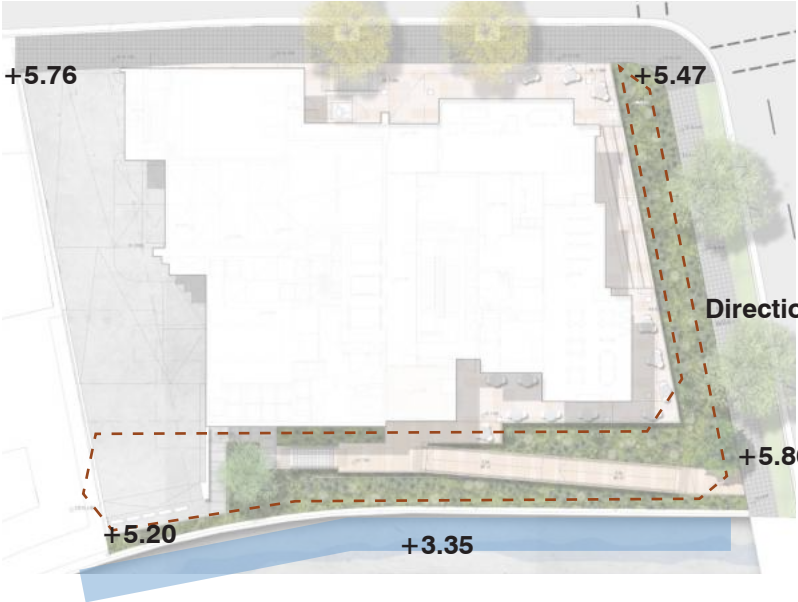
Opportunities + Constraints



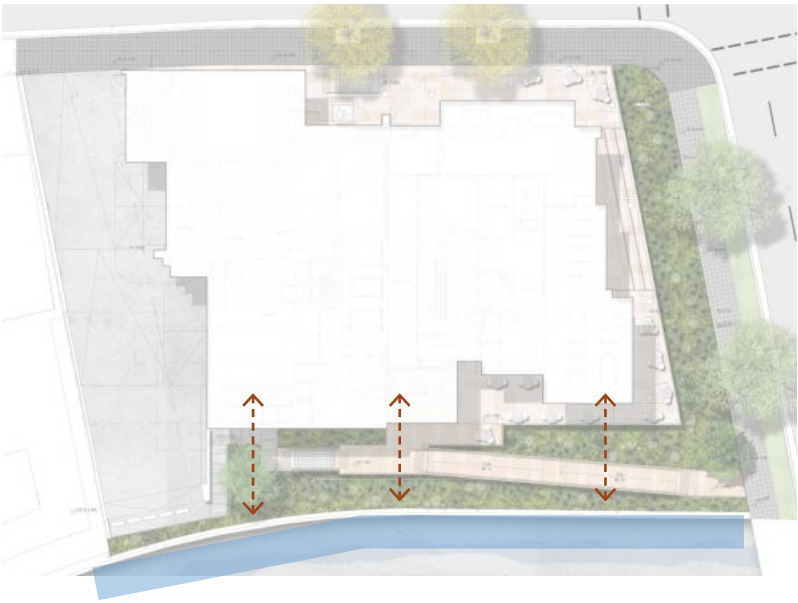
Constraint 01
Building Footprints



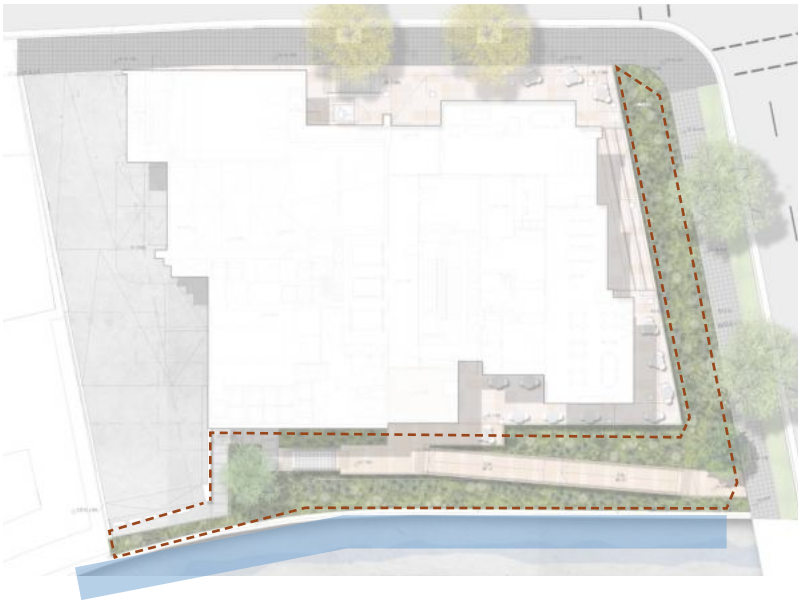
Constraint 02
Existing Waterway of Clay Cliff Creek



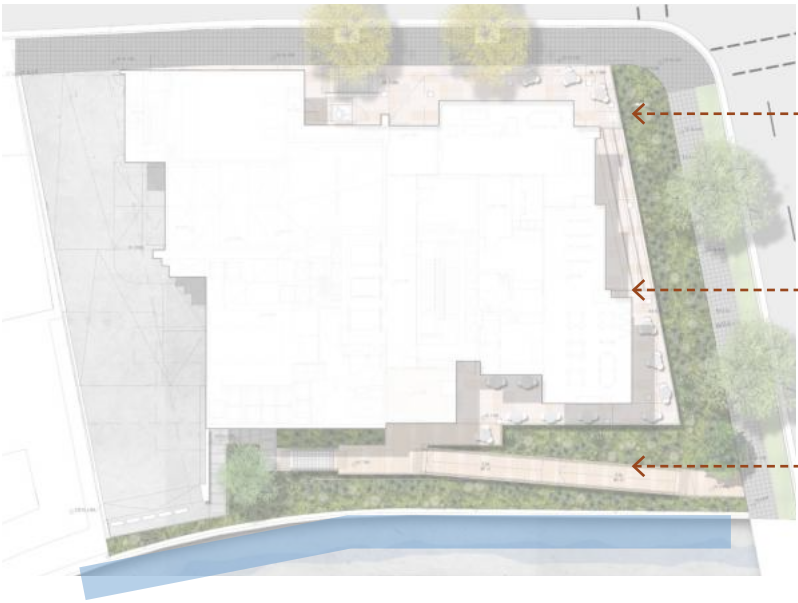
Constraint 03
Topography / Flood Levels / Emergency Access



Opportunity 01
Connection to Riparian Planting + Historical Waterway

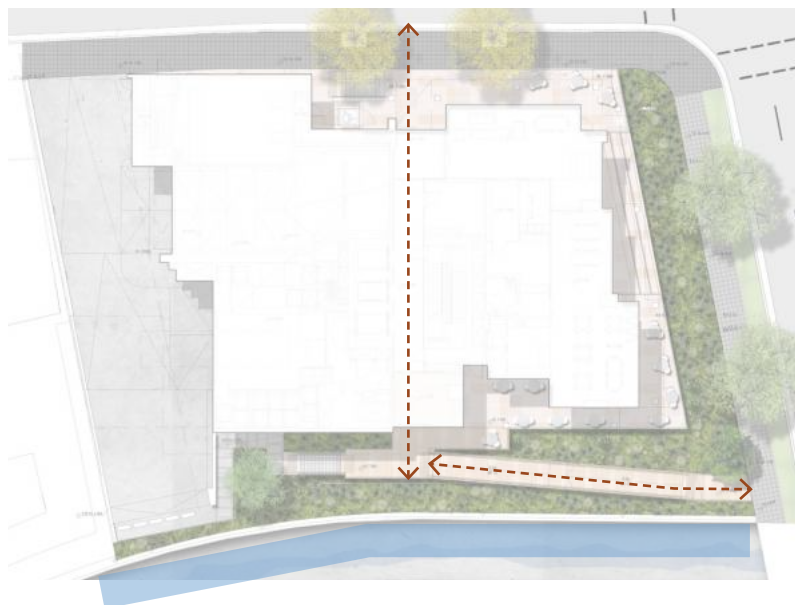


Opportunity 02
Improve Clay Cliff Creek and Streetscapes



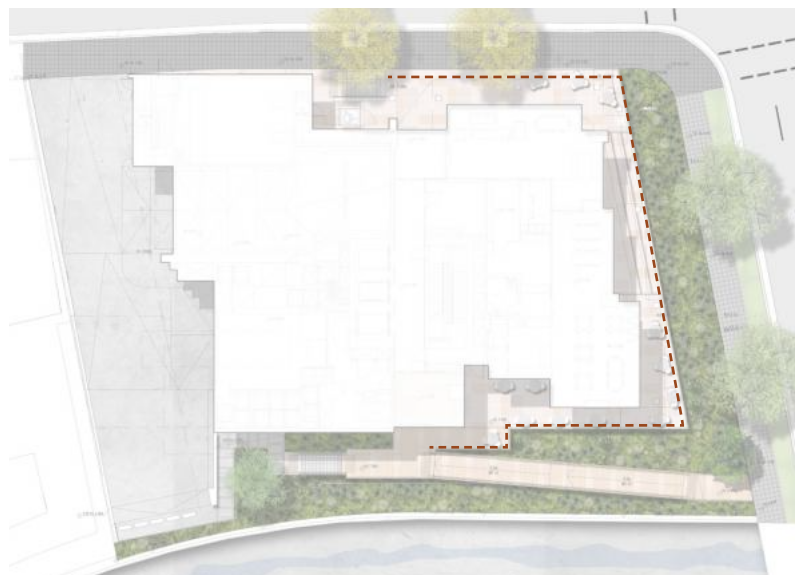
Opportunity 03
Maximising Biophilia for visual and physical Connections to Adjacent Parklands

Landscape Strategies



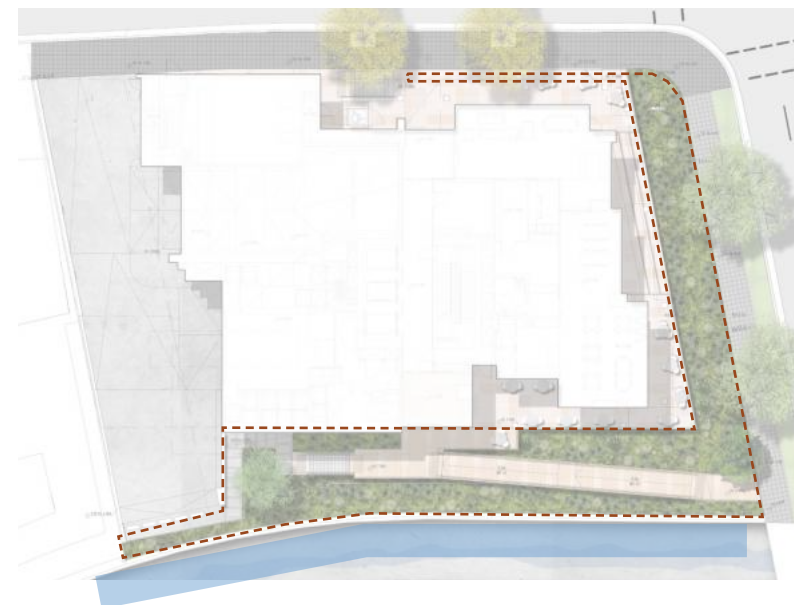
Permeability + Connectivity

To provide multiple access points and circulation around and through building



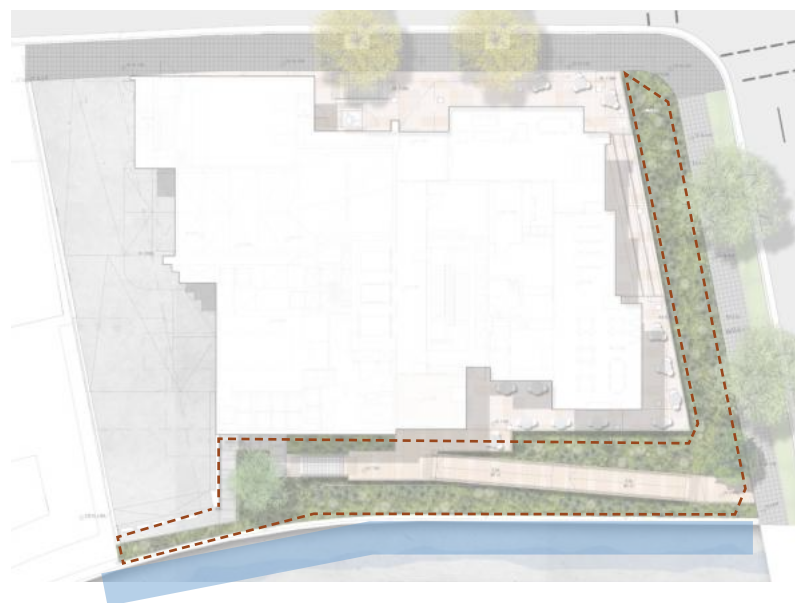
Street Activation

To provide seating opportunities and transparent frontages for an active street edge



Heat Island Effect

To provide maximum amount of greenery and canopy cover as possible



Stormwater + Flood Risk

To provide an integrated stormwater design solution within the landscape setbacks



Connecting to Country

To provide a connection to country via subtle artwork and storytelling



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2.0 Design

■ Designing with Country



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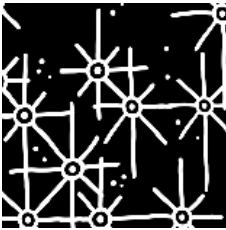
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Indigenous Art

Proposed opportunities for a synthesis of art and Architecture within highly visual components of the building.



Native Flora:

Proposed native plant species at ground and upper levels to provide shade and habitat for local wildlife.



A Meeting Place

Burramatta has always been a place of interchange - a meeting place. The platforms that sit slightly above the native flora where people can sit, gather, relax and meet.

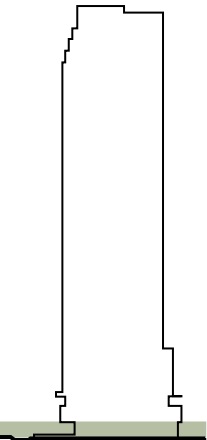


The Raft / Canoe:

The verandah or 'floating platform' has been envisaged as a first nation canoe that wades through and along Clay Cliff Creek reflecting first techniques for hunting and gathering.



Landscape Plan - Ground





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Our Approach is to...

- + provide an engaging 'waterside' environment
- + connect with the indigenous cultural history
- + design above the 1-100 year flood level
- + provide natural habitat for wildlife

Legend

- 01 Hassall Street step and lift entry
- 02 Hassall Street basement entry
- 03 Improved Harris Street frontage with endemic + wildlife attracting wsud species with opportunity for overland flow and flood storage capability
- 04 Ground level terrace with circulation and seating
- 05 Harris Street ramp (1:14)
- 06 Southern foyer entry
- 07 External jetty landings over Clay Cliff Creek riparian / flood zone
- 08 Stepping paving elements by Architects
- 09 Clay Cliff Creek riparian zone with endemic wildlife attracting + wsud species and opportunity for overland flow and flood storage capability
- 10 1200mm high perimeter culvert fence by others
- 11 Existing Clay Cliff Creek concrete culvert
- 12 Hassall Street Concrete Paver*
- 13 Harris Street Concrete paver with stone finish*
- 14 Street Trees* Proposed Hassell Street Trees [relocated]
- 15 Proposed native setback tree (Elaeocarpus reticulatus) selected from - Parramatta DCP 2011 Appendix 3
- 16 Podium line refer to Architects
- 17 Concrete driveway



* Public Domain Guidelines July 2017



Native Wsud Planting



Ecological Revitalisation



Amenity platforms



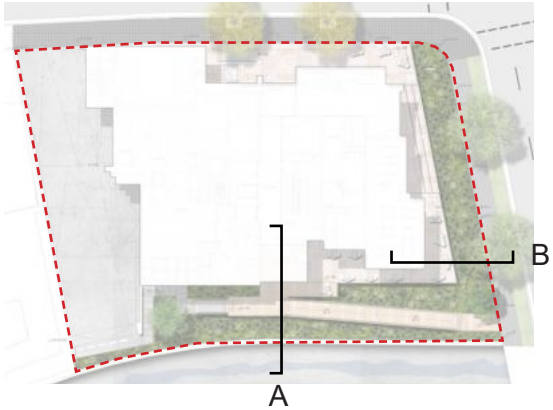
Celebrate its significance to the Dharug people with art / storytelling



Planting Palette



Landscape Sections - Ground



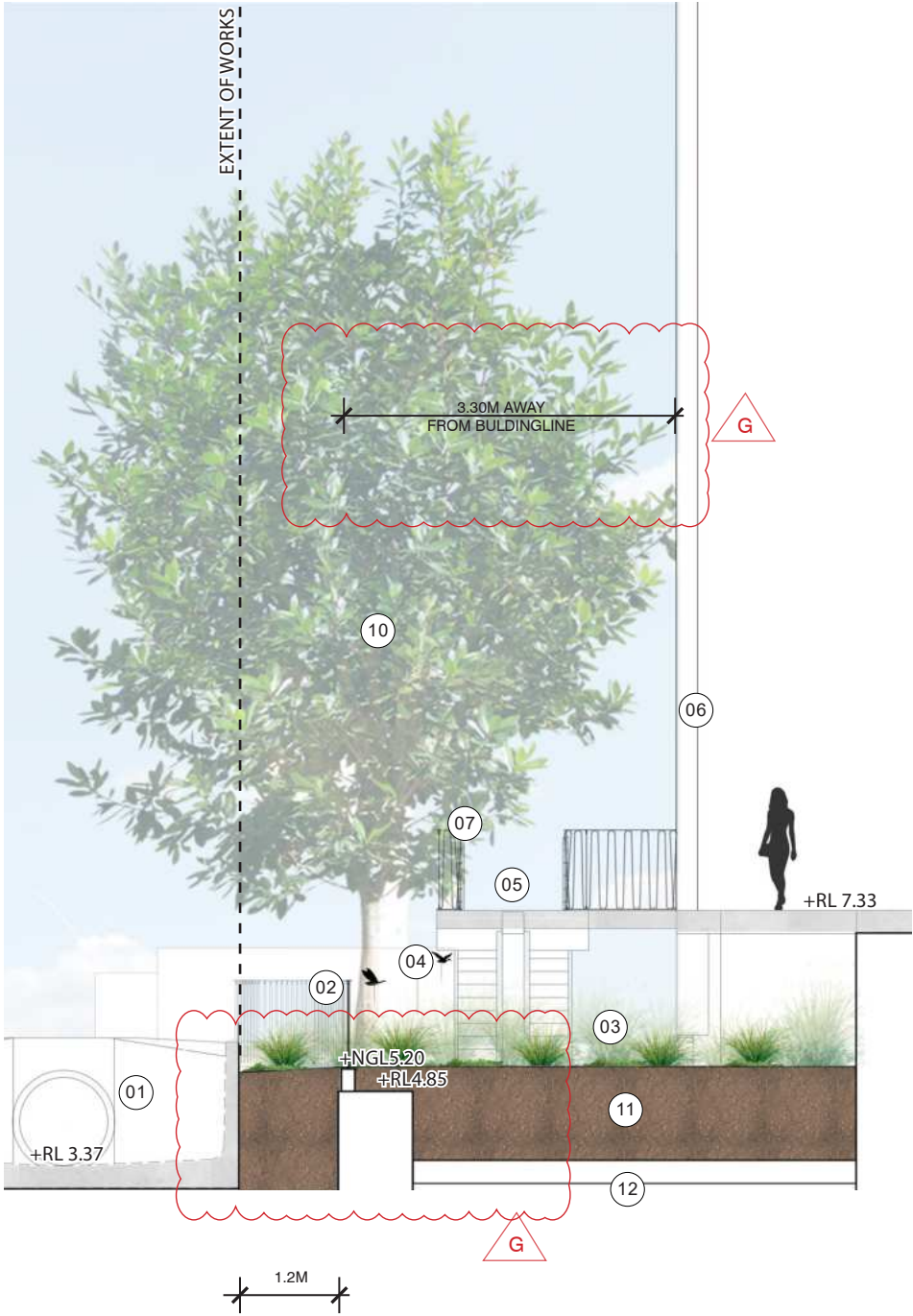
Legend

- 01 Existing Clay Cliff Creek concrete drain
- 02 Safety balustrade 1200mm Ht
- 03 Riparian planting zone
- 04 Sculptural fauna elements
- 05 Jetty platform over Clay Cliff Creek riparian / flood zone
- 06 Building Line
- 07 Safety balustrade at edge of veranda
- 08 Wsud swale with riparian planting
- 09 Street tree: *Corymbia maculata**
- 10 Proposed native setback tree: *Elaeocarpus reticulatus*
- 11 Soil on podium [1300mm depth]
- 12 Concrete slab [refer to Architects]

* Public Domain Guidelines July 2017

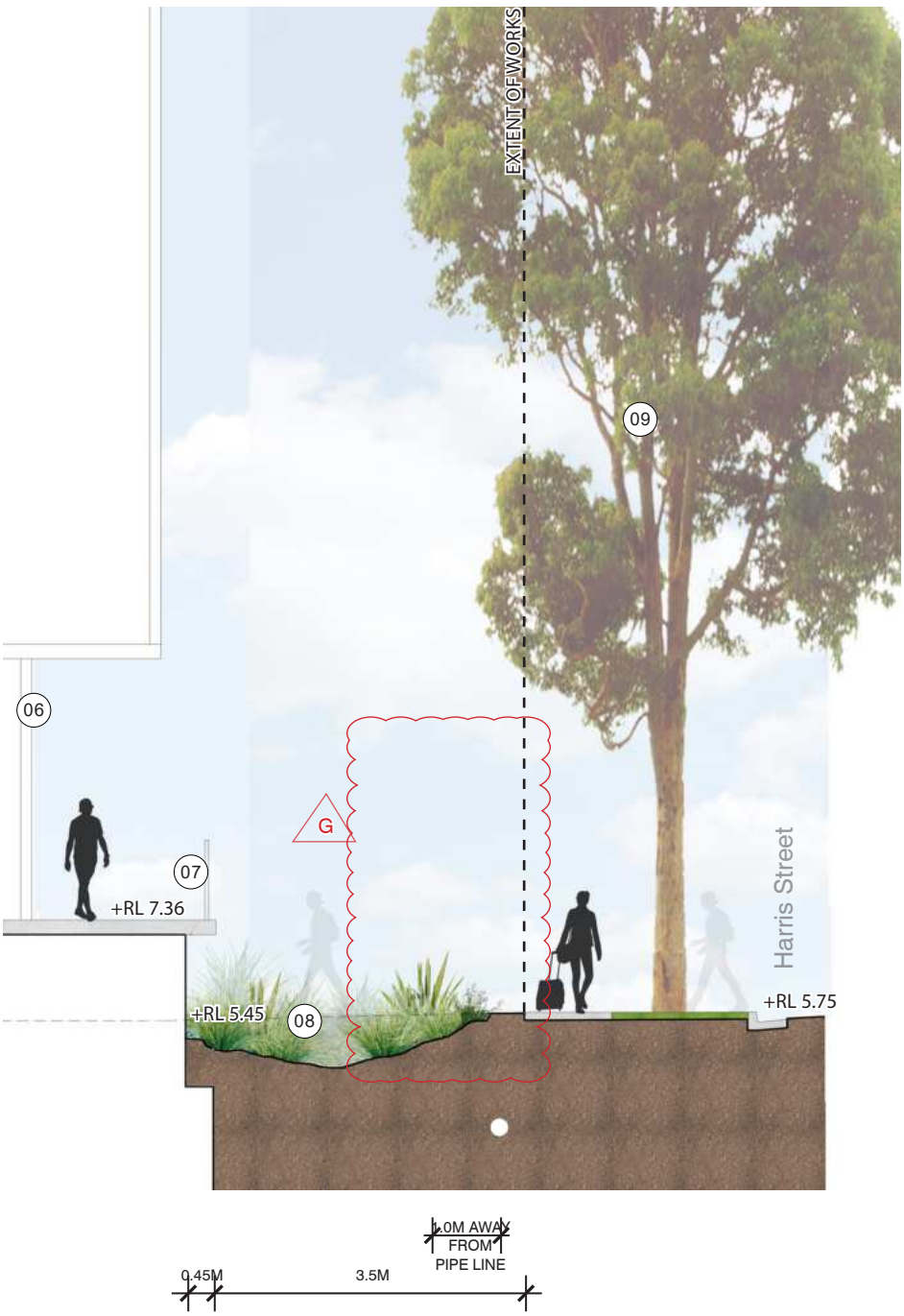
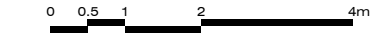


Precedent Imagery



Section A | South Western Jetty Over Riparian Zone

Scale 1:100



Section B | Harris St Setback

Scale 1:100



Ground Floor - Planting on Structure

All planting on top of podium will comply with ADG requirements, Parramatta City Council and DCP Standards with drainage and waterproofing to Engineers Details.

ADG: 4P: PLANTING ON STRUCTURES

Planter Depths	Description	Soil Volume	Compliance Check
400mm	Groundcovers	N/A	Yes
500-600mm	Shrubs and Groundcovers	N/A	Yes
1000mm	Medium Trees [8-12m high up to 8m spread at maturity]	35m3 / Tree	Yes

Legend

Exernt of planting area on structure

284.7m3: Soil volume
1300mm: Soil depth
Note:
Proposed 1 Medium Trees within extent of planting area





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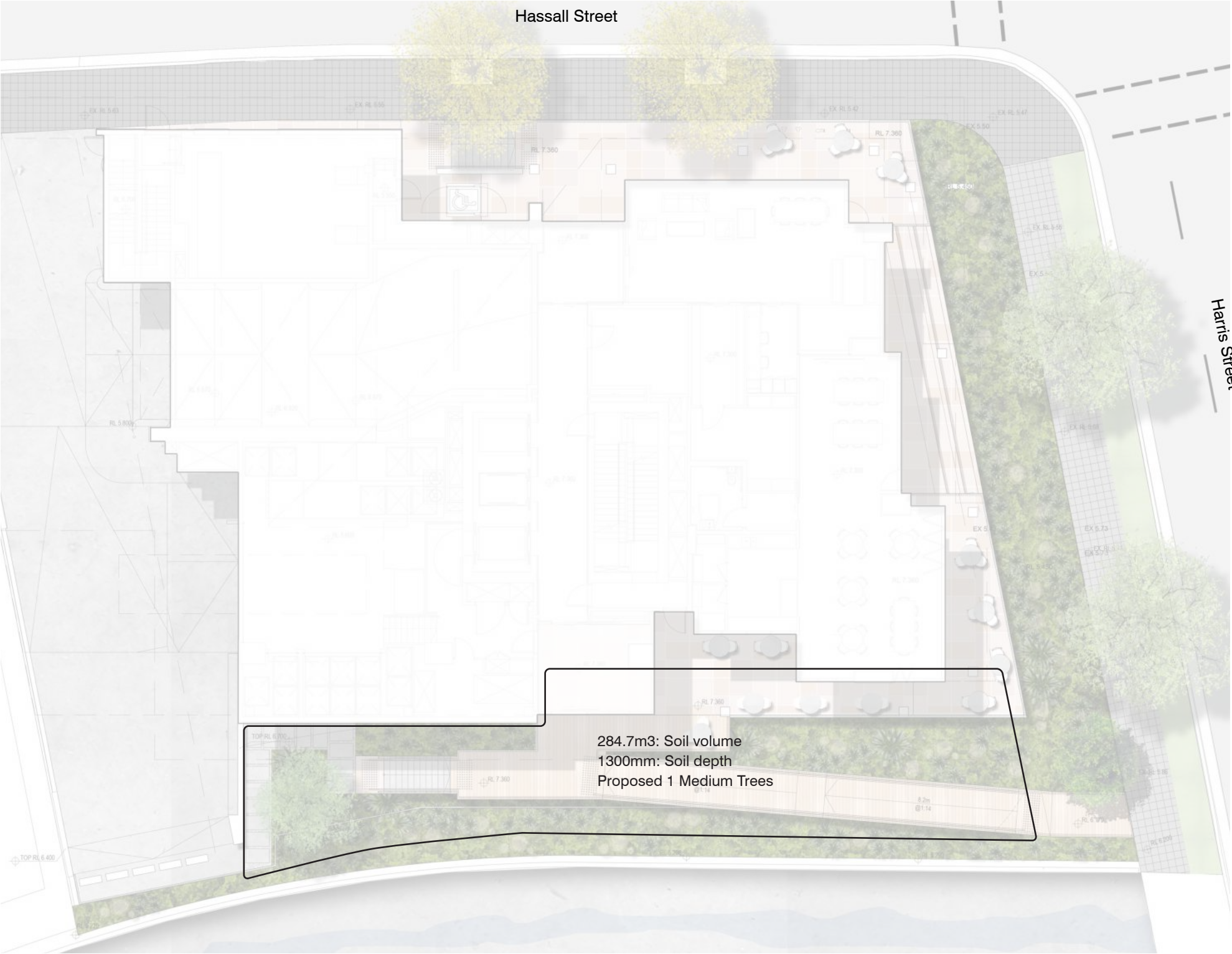
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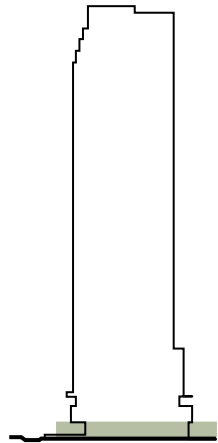
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Landscape Plan - Public Domain



Information Source:

Parramatta City Council
Public Domain Guidelines July 2017

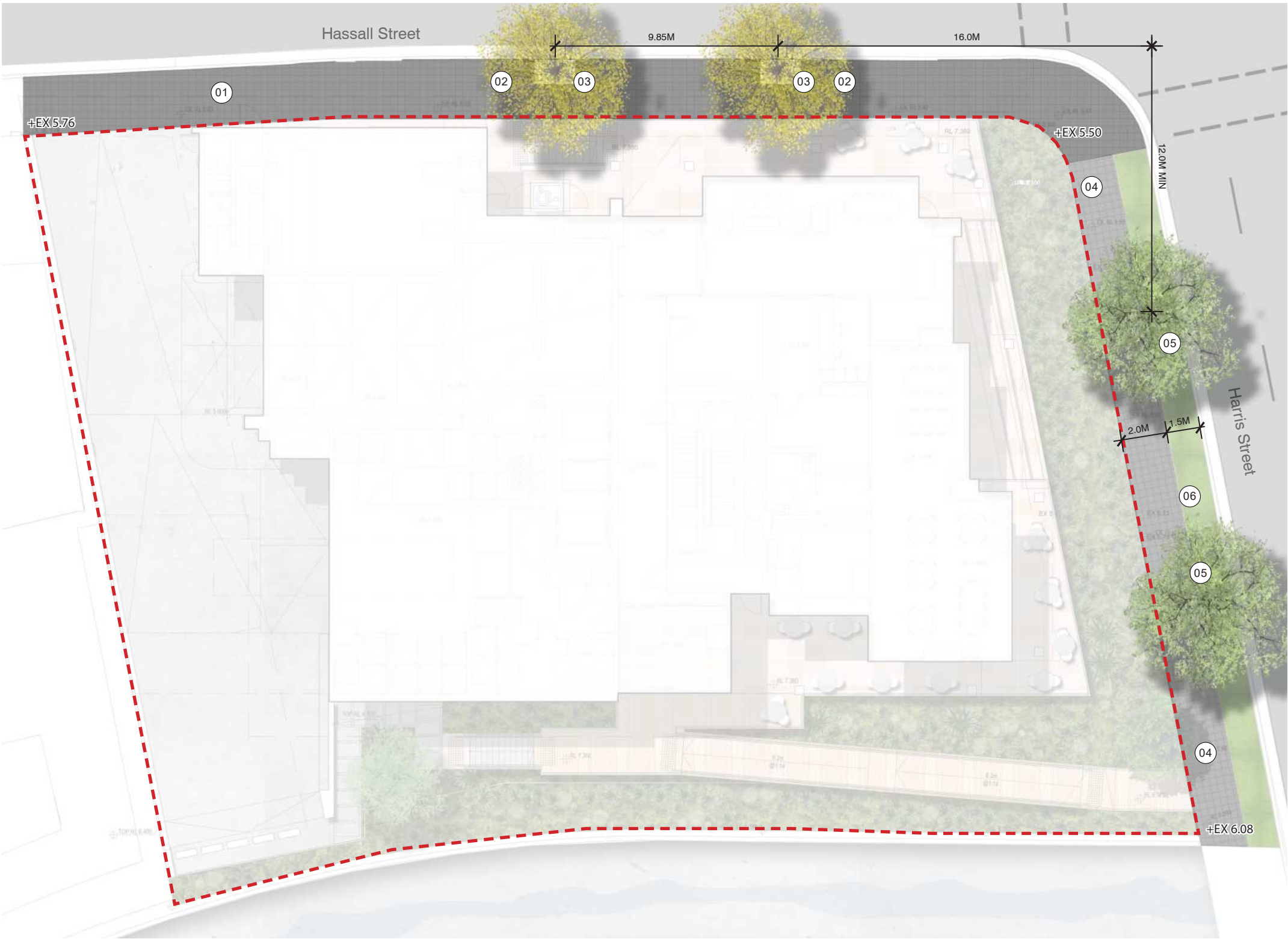
Hassall Street

- 01 Pavement: 300 x 300 x 60 Concrete Paver with Stone Finish
- 02 Trees: *Flindersia australis* [relocated]
- Tree Size: 30 x 10m (Pot Size: 100L)
- 03 Tree Surroundings: Tree in Grate (Size tbc)

Harris Street

- 04 Footpath Width 2.0m
- Footpath Pavement: 300 x 300 x 60 Concrete Paver
- 05 Trees: *Corymbia maculata*
- Tree Size: 30 x 10m (Pot Size: 100L)
- 06 Tree Surroundings: Turf Verge width 1.5m TBC

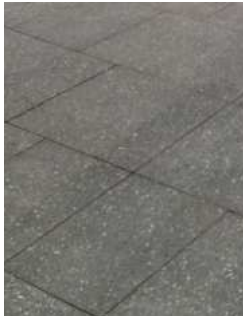
Notes:
• Trees to be co-ordinated with underground services and lighting



Flindersia australis



Corymbia maculata



Concrete Paver

SCALE 1:200 @ A3 0 1 2 4 6 8m



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Landscape Plan - Level 02





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Our Approach is to...

- + maximse biophillic connections
- + carefully consider usage of areas with most light from windows
- + create a visual and physical connection to park
- + provide multiple amenity zones
- + to achieve a tranquil relaxing atmosphere

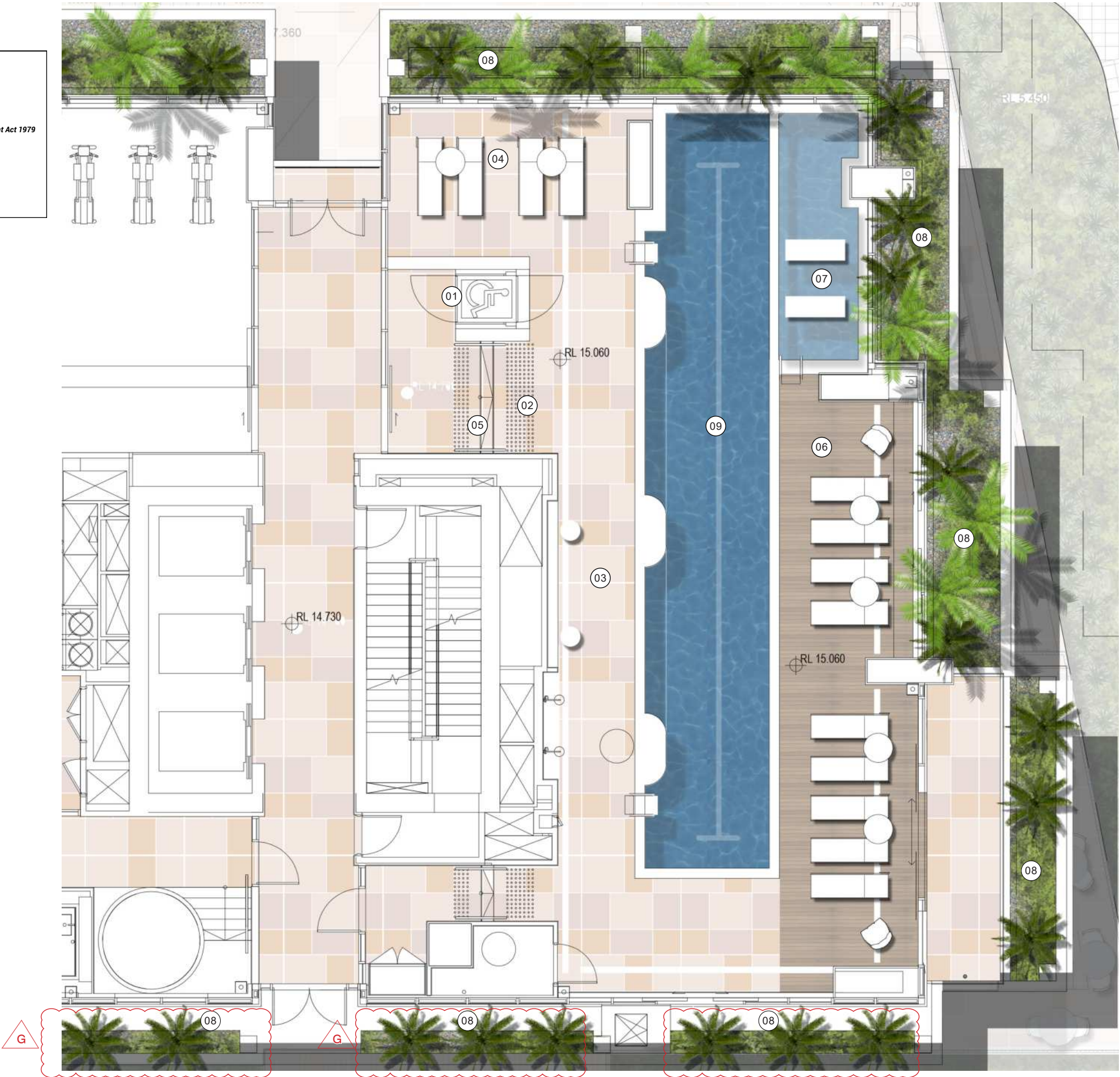
Legend

- 01 Lifts to raised swimming platform
- 02 Generous landing zone
- 03 Pool circulation
- 04 Sun lounge seating with northern planting in front
- 05 Step access to raised swimming platform
- 06 Decking for seating / socialising
- 07 Shallow pool zone
- 08 Building edge buffer planting
- 09 Lap pool

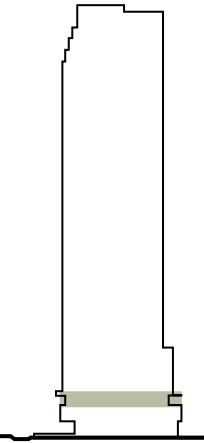
SCALE 1:200 @ A3



Precedent Image



Landscape Plan - Level 03

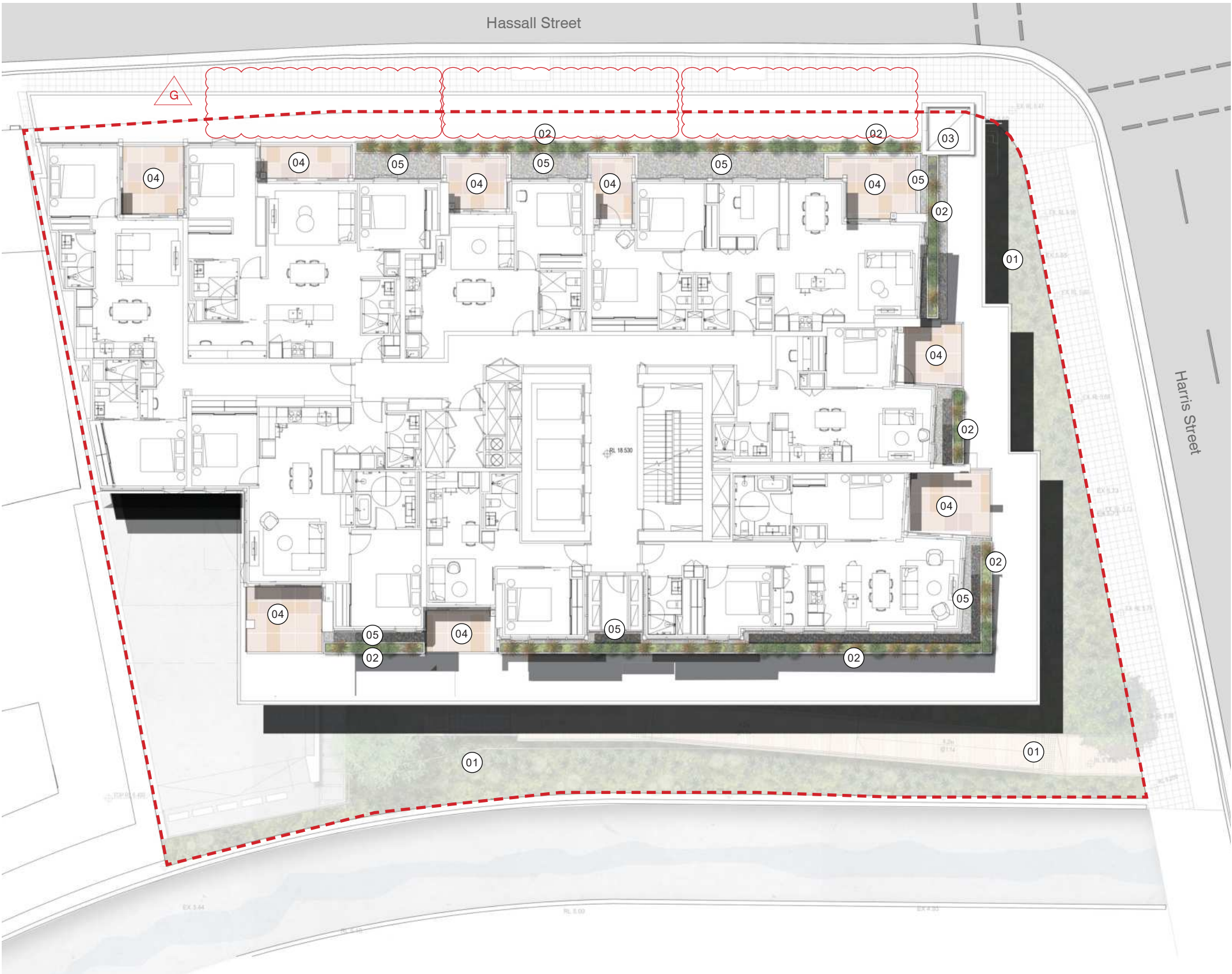


- Legend**
- 01 Ground floor plan below
 - 02 Buffer edge planting with vairtey of native and cascading plants
 - 03 Void
 - 04 Private Open Space
 - 05 Pebble area refer to Architects

SCALE 1:200 @ A3



Precedent Imagery





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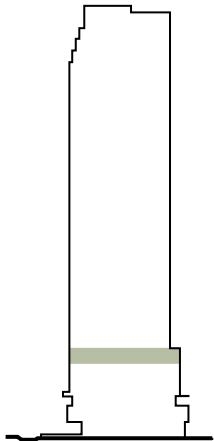
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Landscape Plan - Level 07





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Our Approach is to...

- + provide an open expansive place to dogs to roam
- + provide undulations, tunnels and obstacles
- + provide a place for owners to sit, gather and socialise
- + use hardy materials for durability

Legend

- 01 Dog run entry
- 02 Synthetic turf with mounds
- 03 Buffer planting around edge
- 04 450mm height timber seat
- 05 Rubbish bins
- 06 Optional fence to keep dogs out
- 07 Concrete floor refer to Architects
- 08 Feature tree fern within GRC planter box by others
- 09 Concrete seat element refer to Architects
- 10 Proposed 1.1m height glass balustrade on top of the wall refer to Architects
- 11 Drinking fountain by others

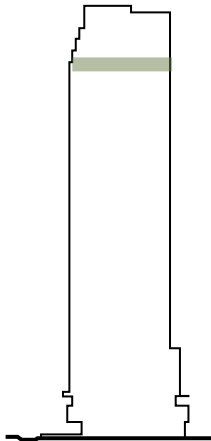
SCALE 1:200 @ A3



Precedent Imagery



Landscape Plan - Level 32



- Legend**
- 01 Rooftop entry
 - 02 Social seating zone
 - 03 Bar height seating zone
 - 04 Green edge buffer planting

Scale 1:200 @ 0 1 2 4 6 8m



Precedent Imagery





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Materials Strategy

The materials selected for the landscaping spaces draw inspiration from local context of historical riverbeds and the tones of clay soils.





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Planting Strategy

This site has five distinct landscaped planting zones each with a different altitude that reflects the diversity of the local land. From low lying rivers and wetlands to escarpments and hilltop planting the selected species for each zone will have their role to play in connecting with country and local surrounds.



Ground Floor | Flood Mitigation



Level 02 | Wellness Planting



Level 03 | Edge Planting



Level 07 | Active / Dog Run



Level 32 - Hardy Planting



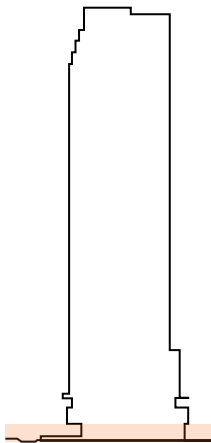
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Planting Palette 1 of 3

Level Ground



reclaiming



clay cliff
creek



Public Domain





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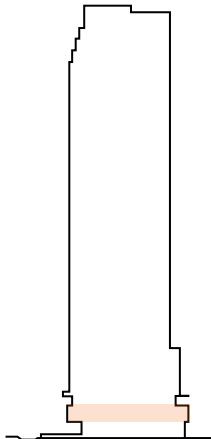
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Planting Palette 2 of 3

Level 02



Cyathea cooperi

wellness



Metrosideros tahiti



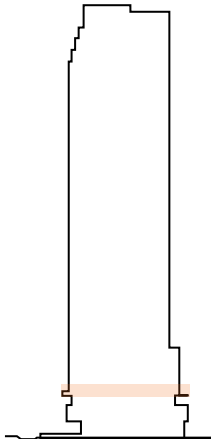
Asplenium australasicum

+



Blechnum 'silver lady'

Level 03



Anigozanthus 'Bush Diamond'



Philodendron xanadu

a green



Lomandra tanika



Juncus usitatus

biophillic



Liriope muscari



Philodendron xanadu

connections



Casuarina glauca



Doryanthes excelsa



Liriope muscari



Dichondra repens



Blechnum 'silver lady'

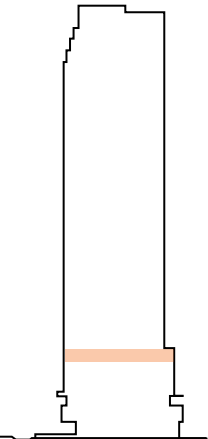
edge



Casuarina glauca 'Cousin It'

Planting Palette 3 of 3

Level 07



Cyathea cooperi



Philodendron xanadu



Blechnum Silver Lady



Cordyline rubra

biophillic



Liriope muscari



Doodia aspera

connection

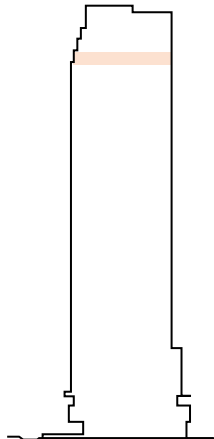


Lomandra tanika



Casuarina glauca 'Cousin It'

Level 32



Anigozanthus 'Bush Diamond'



Lepironia articulata



Dianella revoluta

a hardy



Juncus usitatus



Lomandra tanika

palette



Casuarina glauca 'Cousin It'

39-43 Hassall Street Parramatta

Landscape Appendix

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GROUND FLOOR PLANTING SCHEDULE						
CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H X W)	PROPOSED POT SIZE	DENSITY (/M2)	QUANTITY
STREET TREES						
Cm	Corymbia maculata	Spotted Gum	30 x 10	100L	N/A	2
Fa	Flindersia austrialis	Crow's Ash	30 x 10	100L	N/A	2
TREES						
Er	Elaeocarpus reticulatus	Blueberry Ash	10 x 5	100L	N/A	1
Tl	Tristaniopsis 'Luscious'	Luscious Water Gum	10 x 5	100L	N/A	1
SHRUBS + ACCENTS						
De	Doryanthes excelsa	Gynea Lily	3 x 1.5	200mm	1	5
GRASSES + RUSHES						
Ct	Carex tereticaulis	Tall Sedge	1 x 1	150mm	2	26
Dka	Dianella 'King Alfred'	Flax Lillies	0.5 x 0.5	150mm	5	120
Fn	Ficinia nodosa	Knobby Club Rush	0.6 x 0.6	150mm	5	151
La	Lepironia articulata	Grey Rush	1.5 x 0.5	150mm	2	65
Lt	Lomandra 'Tanika'	Mat Rush	0.6 x 0.6	150mm	6	379
GROUNDCOVERS + CLIMBERS						
Mp	Myoporum parvifolium	Creeping Boobialla	0.15 x Spreading	150mm	6	725

G

LEVEL 2 PLANTING SCHEDULE						
CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H X W)	PROPOSED POT SIZE	DENSITY (/M2)	QUANTITY
SHRUBS + ACCENTS						
Cr	Cordyline rubra	Palm Lily	2 x 0.6	200mm	5	6
De	Doryanthes excelsa	Gynea Lily	3 x 1.5	200mm	1	19
Mct	Metrosideros collina tahiti	NZ Christmas Bush	1.5 x 1	200mm	1	6
Px	Philodendron xanadu	Xanadu	1 x 1	200mm	1	42
GRASSES + RUSHES						
Lm	Liriope muscari	Lilyturf	0.4 x 0.4	150mm	6	77
Lt	Lomandra 'Tanika'	Mat Rush	0.6 x 0.6	150mm	6	63
FERNS + CYCADS						
Aa	Asplenium australasicum	Birds Nest Fern	1.5 x 1.5	200mm	2	10
Bs	Blechnum Silver Lady Fern	Silver Lady Fern	1.5 x 1.5	200mm	2	8
Cc	Cyathea cooperi	Tree Fern	5 x 2	300mm	1	6
GROUNDCOVERS + CLIMBERS						
Cg	Casuarina glauca	Cousin It	0.2 x Spreading	150mm	6	53

G

LEVEL 3 PLANTING SCHEDULE						
CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H X W)	PROPOSED POT SIZE	DENSITY (/M2)	QUANTITY
SHRUBS + ACCENTS						
Af	Anigozanthus 'Bush Diamond'	Kangaroo Paw	1 x 2	200mm	1	5
GRASSES + RUSHES						
Ju	Juncus usitatus	Common Rush	1 x 1	150mm	1	19
Lm	Liriope muscari	Lilyturf	0.4 x 0.4	150mm	6	21
Lt	Lomandra 'Tanika'	Mat Rush	0.6 x 0.6	150mm	6	58
FERNS + CYCADS						
Bs	Blechnum Silver Lady Fern	Silver Lady Fern	1.5 x 1.5	200mm	2	8
GROUNDCOVERS + CLIMBERS						
Cg	Casuarina glauca	Cousin It	0.2 x Spreading	150mm	6	33
Dr	Dichondra repens	Kidney Weed	0.2 x Spreading	150mm	8	21

LEVEL 7 PLANTING SCHEDULE						
CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H X W)	PROPOSED POT SIZE	DENSITY (/M2)	QUANTITY
SHRUBS + ACCENTS						
Btg	Bambusa textilis gracilis	Slender Weavers Bamboo	6 x 2	300mm	1	11
Cr	Cordyline rubra	Palm Lily	2 x 0.6	200mm	4	13
De	Doryanthes excelsa	Gynea Lily	3 x 1.5	200mm	1	2
Px	Philodendron xanadu	Xanadu	1 x 1	200mm	1	20
GRASSES + RUSHES						
Lm	Liriope muscari	Lilyturf	0.4 x 0.4	150mm	6	46
Lt	Lomandra 'Tanika'	Mat Rush	0.6 x 0.6	150mm	6	34
FERNS + CYCADS						
Bs	Blechnum Silver Lady Fern	Silver Lady Fern	1.5 x 1.5	200mm	2	5
Cc	Cyathea cooperi	Tree Fern	5 x 2	300mm	1	5
Da	Doodia aspera	Prickly Rasp Fern	0.4 x 0.4	200mm	8	6
GROUNDCOVERS + CLIMBERS						
Cg	Casuarina glauca	Cousin It	0.2 x Spreading	150mm	6	6
Dr	Dichondra repens	Kidney Weed	0.2 x Spreading	150mm	8	16
Ss	Senecio serpens	Blue Chalk Sticks	0.2 x Spreading	150mm	8	23

LEVEL 32 PLANTING SCHEDULE						
CODE	BOTANICAL NAME	COMMON NAME	MATURE SIZE (H X W)	PROPOSED POT SIZE	DENSITY (/M2)	QUANTITY
SHRUBS + ACCENTS						
Af	Anigozanthus 'Bush Diamond'	Kangaroo Paw	1 x 2	200mm	1	2
GRASSES + RUSHES						
Ju	Juncus usitatus	Common Rush	1 x 1	150mm	1	33
La	Lepironia articulata	Grey Rush	1.5 x 0.5	150mm	1	5
Lt	Lomandra 'Tanika'	Mat Rush	0.6 x 0.6	150mm	6	43
GROUNDCOVERS + CLIMBERS						
Cg	Casuarina glauca	Cousin It	0.2 x Spreading	150mm	6	24

G



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PROJECT
39-43 HASSALL STREET
PARRAMATTA, NSW, 2150, AUSTRALIA

STAGE
STATE SIGNIFICANT DEVELOPMENT APPLICATION

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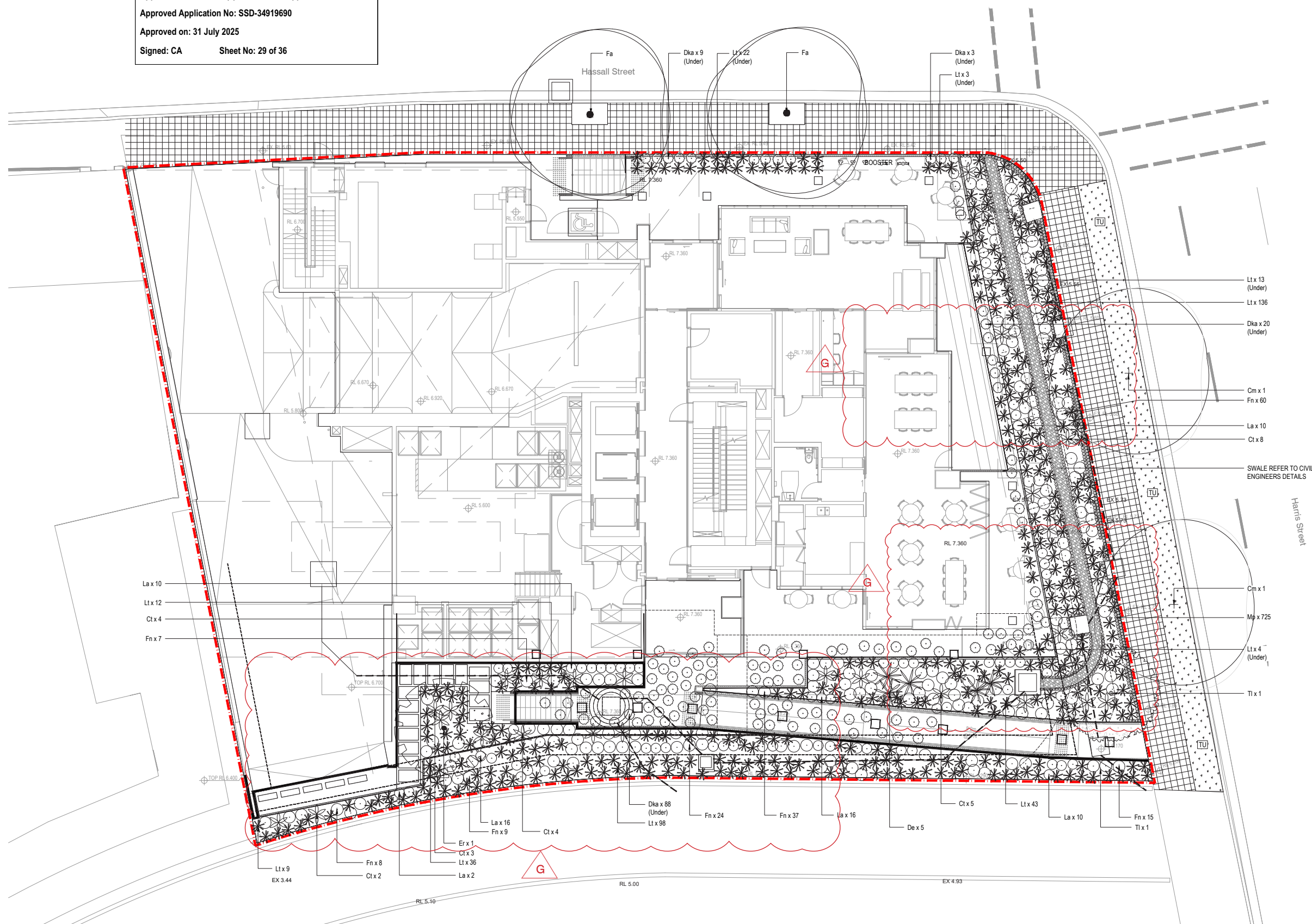
SHEET
PLANTING SCHEDULE

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	PROPOSED TREE PLANTING Refer Landscape Specification
	PROPOSED TREE PLANTING Refer Landscape Specification
	PROPOSED TREE PLANTING Refer Landscape Specification
	SHRUB AND ACCENT PLANTING Refer Landscape Specification
	NEW TURF (PUBLIC DOMAIN VERGE) Refer Landscape Plan
	PROPOSED STORMWATER PIPE Refer Civil Plan
	PROPOSED JUNCTION PIT REFER CIVIL PLAN
	EXTENT OF WORKS

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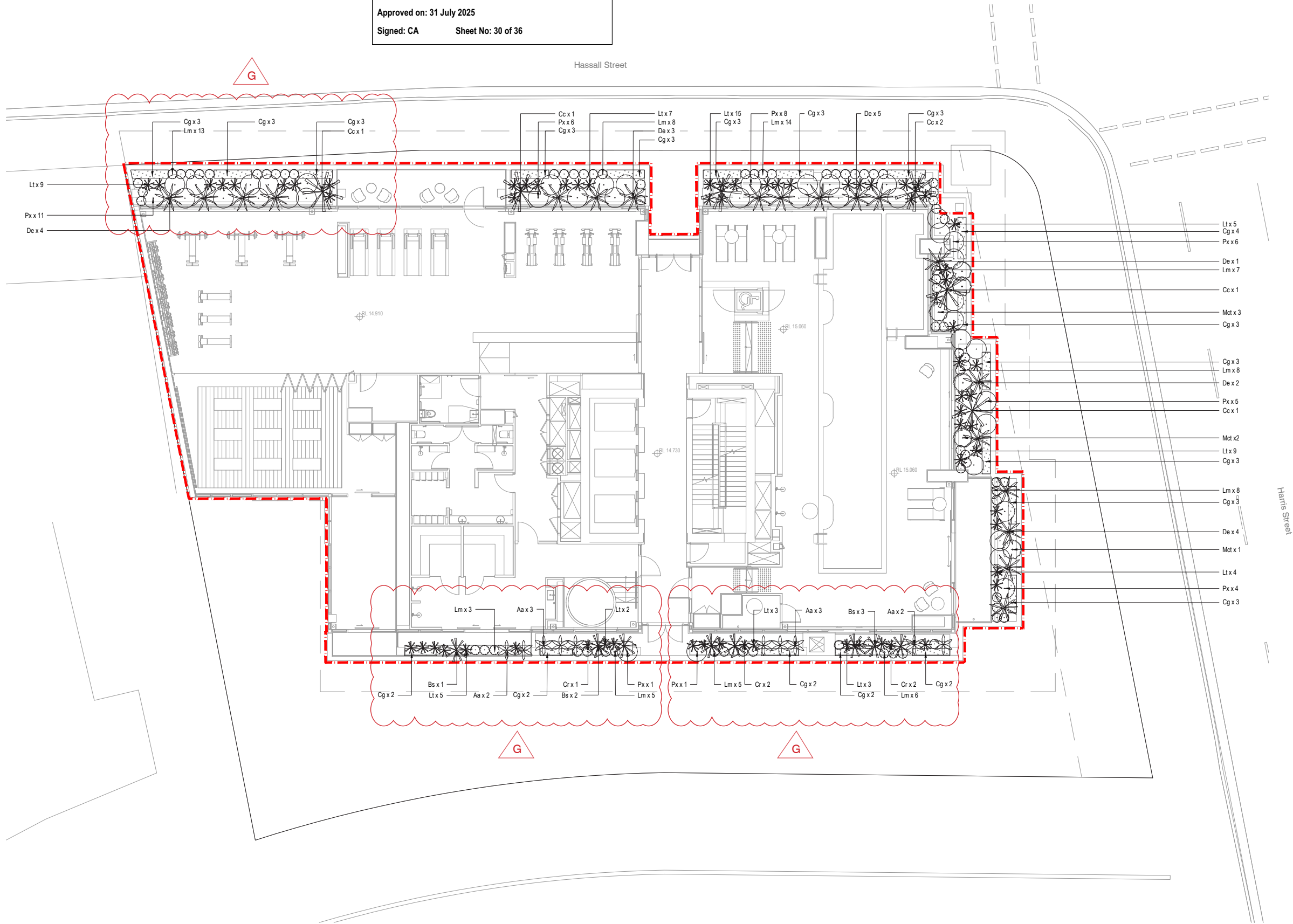
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LEGEND



SHRUB AND ACCENT PLANTING
Refer Landscape Specification



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PROJECT

39-43 HASSALL STREET
PARRAMATTA, NSW, 2150, AUSTRALIA

STAGE

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PLANTING PLAN
LEVEL 02

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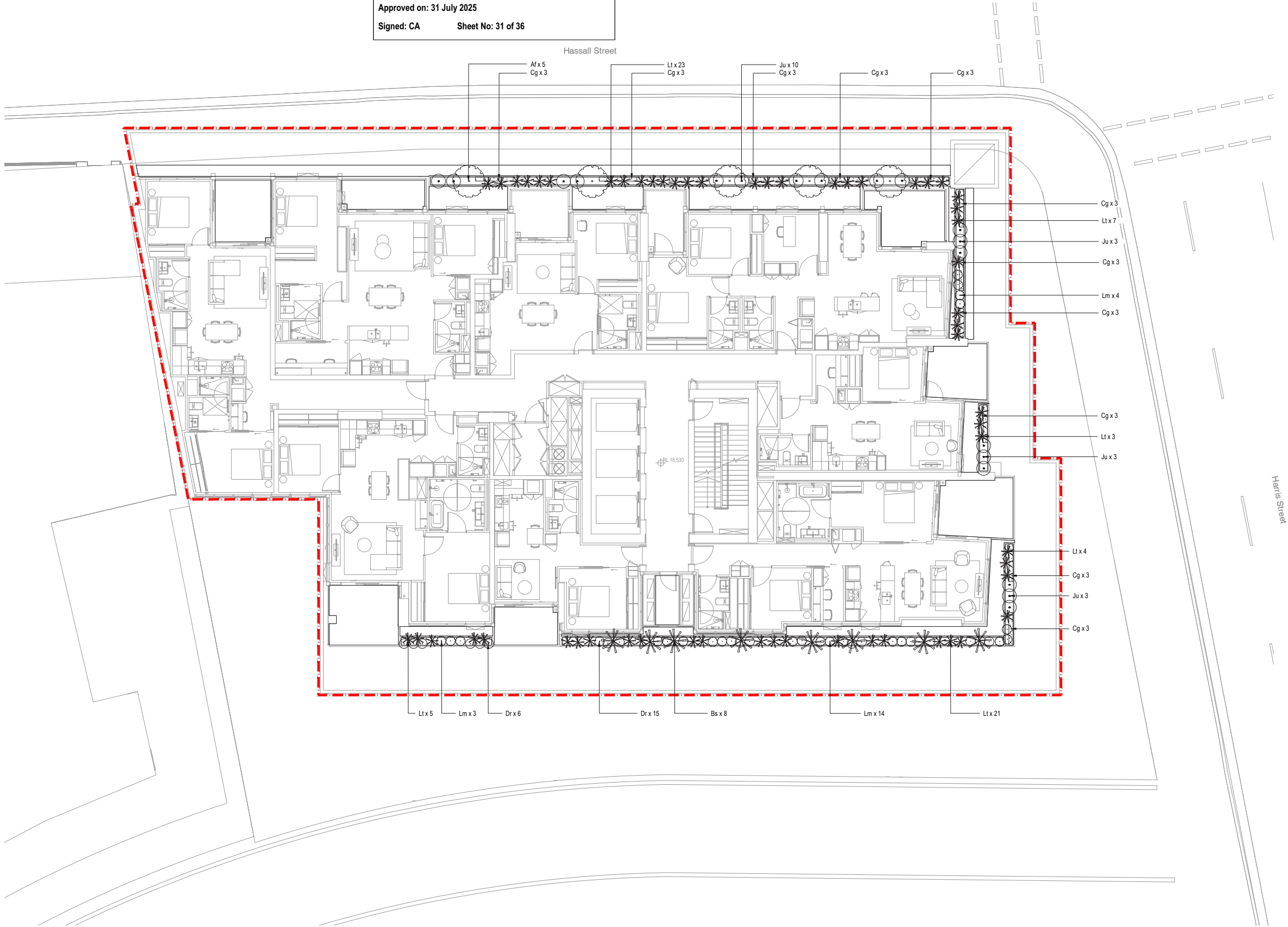
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SHRUB AND ACCENT PLANTING
Refer Landscape Specification



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PROJECT

39-43 HASSALL STREET
PARRAMATTA, NSW, 2150, AUSTRALIA

STAGE

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PLANTING PLAN
LEVEL 03

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Hassall Street

Harris Street

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SHRUB AND ACCENT PLANTING
Refer Landscape Specification



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PROJECT

39-43 HASSALL STREET
PARRAMATTA, NSW, 2150, AUSTRALIA

STAGE

STATE SIGNIFICANT DEVELOPMENT APPLICATION

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PLANTING PLAN
LEVEL 07

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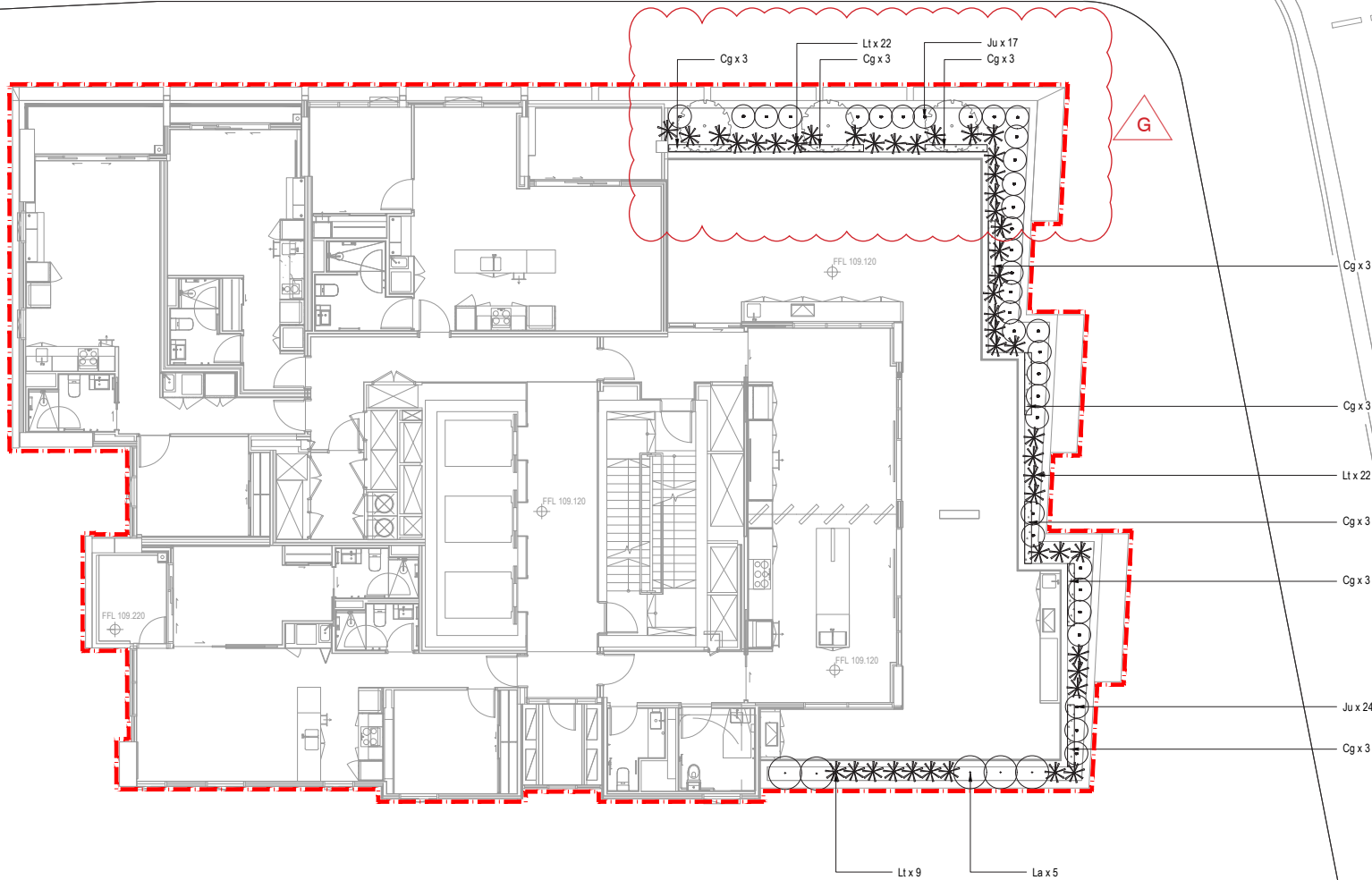
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Hassall Street



LEGEND



SHRUB AND ACCENT PLANTING
Refer Landscape Specification



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PROJECT

39-43 HASSALL STREET
PARRAMATTA, NSW, 2150, AUSTRALIA

STAGE

STATE SIGNIFICANT DEVELOPMENT APPLICATION

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PLANTING PLAN
LEVEL 32

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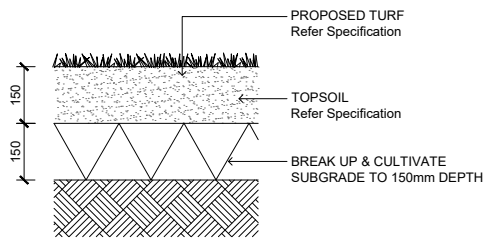
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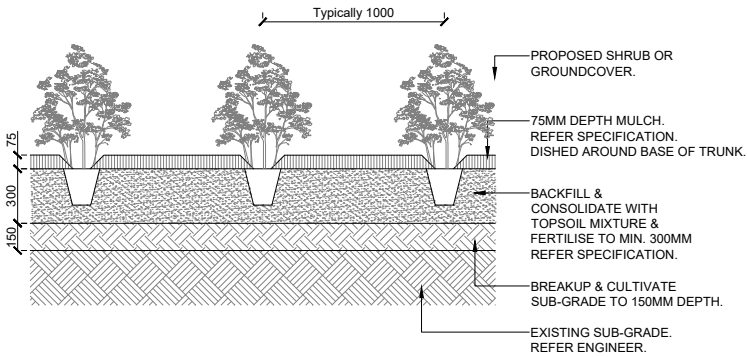
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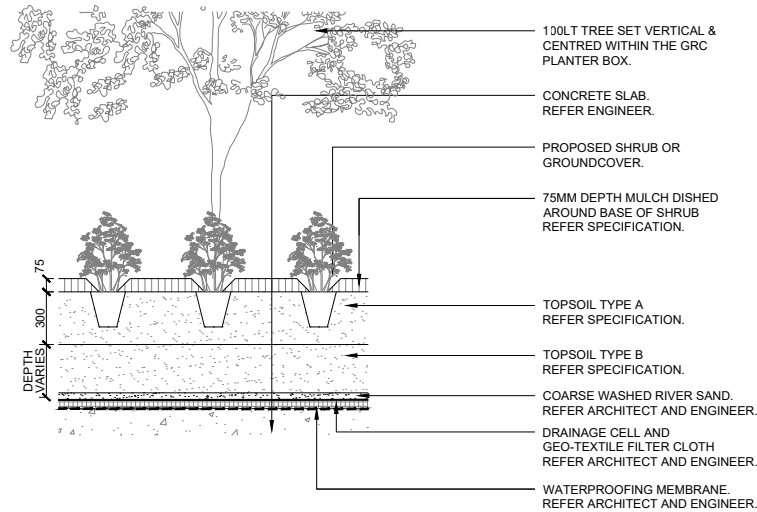
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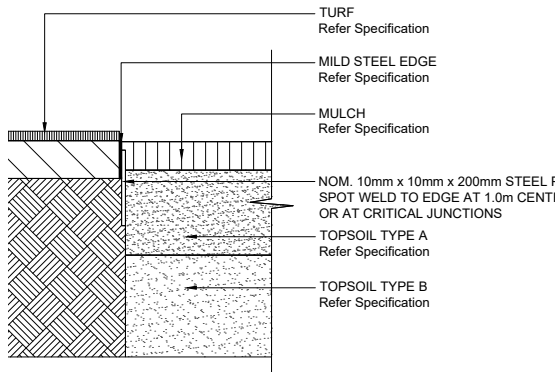
TURF ON GRADE / 1:20 @ A3



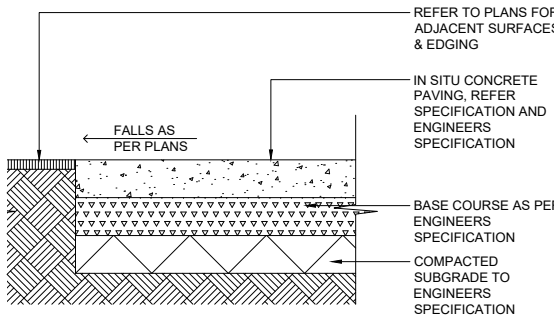
SHRUB PLANTING ON GRADE / 1:20 @ A3



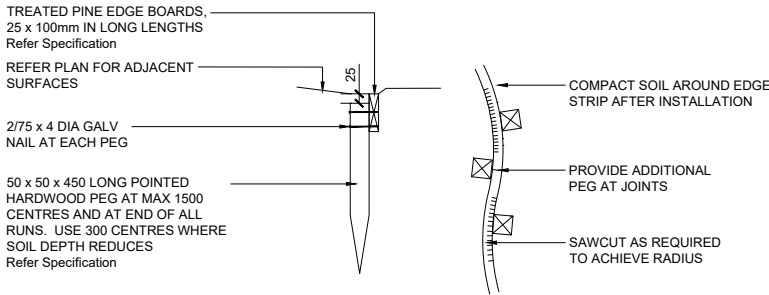
PLANTING ON SLAB / 1:20 @ A3



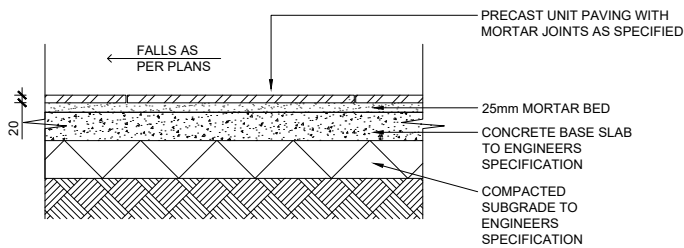
STEEL EDGE ON GRADE 1:20 @ A3



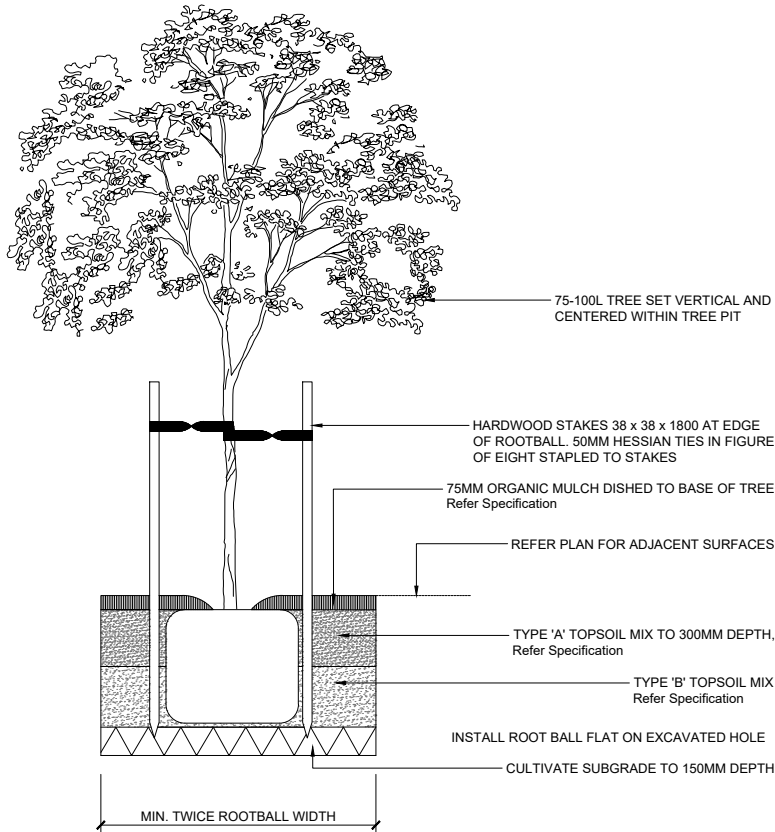
CONCRETE PATH ON GRADE 1:20 @ A3



TIMBER EDGE ON GRADE 1:20 @ A3



CONCRETE PATH ON GRADE 1:20 @ A3



TYPICAL TREE ON GRADE / 1:50 @ A3

LEGEND



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PROJECT

39-43 HASSALL STREET
PARRAMATTA, NSW, 2150, AUSTRALIA

STAGE

STATE SIGNIFICANT DEVELOPMENT APPLICATION

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LANDSCAPE DETAILS

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Landscape specification notes

Services

Before landscape work is commenced the landscape contractor is to establish the Position of all service lines and ensure tree planting is carried out at least 3 metres Away from these services. Service lids, vents and hydrants shall be left exposed and not Covered by any landscape finishes (turfing, paving, garden beds etc.) Finish adjoining Surfaces flush with pit lids.

Aborist management of tree protection

A qualified and approved aborist is to be contracted to undertake or manage the Installation of protective fencing, and to undertake such measures as he deems appropriate to preserve the subject trees to be retained. The arborist is to be retained for the entire contract period to undertake ongoing management and review of the Trees.

Drainage cell and filter fabric

For on-slab areas install an approved 'drainage cell' product to comprehensively cover the bottom of all planters. Over drainage cell to on-slab areas, a polyfelt geotextile lining (as supplied by 'polyfelt ts' or approved equivalent) is to be installed to cover the bottom of all planters, turned up 300mm and taped to the planter sides to ensure soil mix does not escape into drainage outlets/holes. Install min. 50Mm coarse river sand over all geotextile lining prior to installation of soil mix.

Planting mixture

Shall be homogenous blend of soil and additives in the following proportions:
Existing site soil if suitable or imported topsoil 50% Compost 30% D/w sand 20% soil testing of existing site soil is to be undertaken to assess suitability of use as planting topsoil and compliance with australian standards.(As4419 - soils for landscaping)

Mulch application

Place mulch to the required depth, (refer to drawings) clear of plant stems, and rake to an even surface finishing 25mm below adjoining levels. Ensure mulch is watered in and tamped down during installation.

Mulch type

Forest litter or pine bark: from mature trees, graded in size from 15mm to 30mm, free from wood slivers. Dark brown in colour and texture.
All mulch to be free of deleterious material such as rock, soil, weeds and sticks

Compost

Shall be well rotted vegetative material or animal manure, or other approved material, free from harmful chemicals, grass and weed growth and with neutral ph. Provide a Certificate of proof of ph upon request.

Plant material

All plants supplied are to conform with those species listed in the plant schedule on the drawings. Generally plants shall be vigorous, well established, hardened off, of good form consistent with species or variety, not soft or forced, free from disease or insect pests with large healthy root systems and no evidence of having been restricted or damaged. Trees shall have a leading shoot. Immediately reject dried out, damaged or Unhealthy plant material before planting. All stock is to be container grown for a Minimum of six (6) months prior to delivery to site

Trees in grass and super advanced trees:

Pellets shall be in the form intended to uniformly release plant food elements for a period of approximately nine months equal to shirleys kokei pellets, analysis 6.3:1.8:2.9. Kokei pellets shall be placed at the time of planting to the base of the plant, 50mm minimum From the root ball at a rate of two pellets per 300mm of top growth to a maximum of 8 pellets per tree.
Tree trunks to be a minimum of 700mm from street kerb or guttering.
All tree planting holes are minimum 1.5M diameter and twice the depth of the rootball
Root directors
Install root directors to manufacturers specifikatons to protect assets, structures and underground servives

Staking and tying

Stakes shall be straight hardwood, free from knots and twists, pointed at one end. Size shall be 2x38x38x1800mm and shall sit 600mm within ground. Secure the tree firmly with 2no. Hessianties fitted to the stem separately in opposite directions.
Of plants to be staked.
A. 5-15 Litre size plant 1x(1200x25x25mm)
B. 35-75 Litre size plant 2x(1500x38x38mm)
C. 100-Greater than 200litre 3x(1800x50x50mm)
Ties shall be 50mm wide hessian webbing or approved equivalent nailed or stapled to stake. Drive stakes a minimum one third of their length, avoiding damage to the root system, on The windward side of the plant.

Irrigation system

Supply an automatic watering system using 'toro irrigation system' or similar approved, with micro-jet sprinkler heads and low density, rubber modified polypropylene reticulation, to include filters, bends junctions, ends and other ancillary equipment. The Landscaper shall nominate his source of supply for the watering system and obtain approval from the superintendent before placing orders for equipment or supply. A schematic plan of the proposed irrigation system is to be prepared by the contractor, showing solenoids, pipe diameters, and all nozzle and trickle attachment types (including spray/head angle), for review by the superintendent prior to installation
the contractor is to liaise with the hydraulic engineer and council as necessary, to ensure the irrigation system conforms with all the council and water board codes and requirements.
Provide an automatic controller that provides for two week scheduling and hourly multi-cycle operation. The controller shall manual override. Programming shall be undertaken by the contractor who shall advise on the operation of the system. provision of secure housing for the automatic irrigation controller to be located in association with the landscape contractor and location confirmed by the superintendent. Wiring to connect remote solenoid locations is to be provided. The controller shall be located in a dry place, protected from the weather, and all cable connections shall be made with waterproof connectors.

Installation shall be tested under known working conditions. Acceptance of the installed Plant and equipment shall be subject to these being satisfactory.
Timber or steel edging
N/a
Soft edges
All soft edges (mulch, turf, grassed) to be finished to appropriate falls and flush with Adjacent surface treatment.
Turf
Turf all landscape areas as shown on the landscape drawings. Turf is to have To prepare graded areas to receive turf, excavate the area and cultivate so as to allow For importing of 100mm of turf underlay soil. Remove all stones over 50mm ø and remove All weeds and foreign matter. Spread soil mix a.B.S to a depth of 100mm and grade to Appropriate levels to achieve general even grades to drainage outlets installed by Others.
Lay the turf along the land contours with staggered, close butted joints, so that the Finished turf surface is flush with adjacent finished surfaces of paving and the like. As Soon as practicable after laying, roll the turf with a roller weighing not more than 90kg Per metre of width for sandy or light soils.
Water as necessary to keep the soil moist to a depth of 100mm. Protect newly turfed Areas against traffic until grass is established. Fertilise two weeks after laying fertilise A.B.S
'Top dress' the turf when it is established to a depth of 10mm with coarse washed river Sand. Rub the dressing well into the joints and correct any unevenness in the turf Surfaces.

LEGEND

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PROJECT
39-43 HASSALL STREET
PARRAMATTA, NSW, 2150, AUSTRALIA

STAGE
STATE SIGNIFICANT DEVELOPMENT APPLICATION

CLIENT
NOVUS

SHEET
LANDSCAPE SPECIFICATION

JOB # SHEET # ISSUE NORTH

22_283 800 G

SCALE N/A



New South Wales Government
Independent Planning Commission

Issued under the Environmental Planning and Assessment Act 1979

Approved Section 4.55 (2) Modification Application

Approved Application No: SSD-34819690

Approved on: 31 July 2025

Signed: CA Sheet No: 36 of 36

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