



NSW GOVERNMENT
Planning

Issued under the Environmental Planning and Assessment Act 1979

Approved Application No. SSD 7720

granted on the 12 December 2017

Signed [Signature]

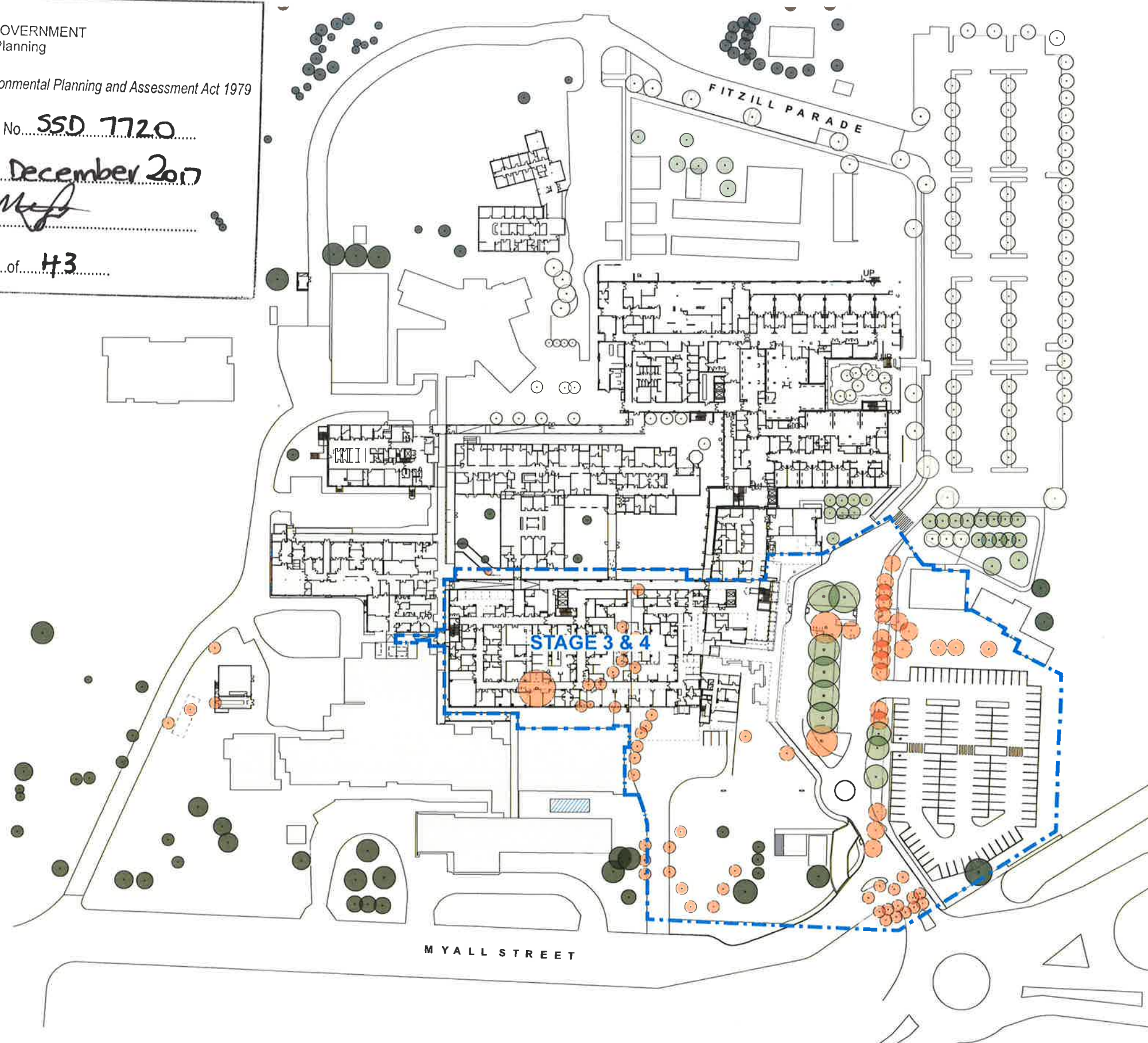
Sheet No. 34 of 43

TREE ASSESSMENT

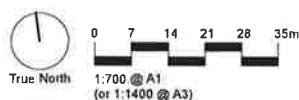
The Stage 3+4 design aims to mitigate loss of existing vegetation and associated fauna, the Vegetation Assessment Plan illustrates the existing trees, trees identified for retention, and trees proposed for removal to facilitate hospital expansion.

KEY

-  Extent of works (Stage 3 & 4)
-  Existing Tree (planted in Stage 1 & 2 works) to be retained
-  Existing Tree to be retained as per 2012 Arborist Report
-  Existing Tree to be retained not included in Arborist Report
-  Existing Tree to be removed



PRELIMINARY
NOT FOR CONSTRUCTION



ISS.	AMENDMENT	DATE	BY	ARCHITECT
A	SSD Report	07.11.17	GP	

IMPORTANT NOTES:
1. This plan is a preliminary design and is not to be used for construction.
2. The plan is subject to change without notice.
3. The plan is not to be used for any other purpose.
4. The plan is not to be used for any other purpose.

CLIENT
NSW Health
Infrastructure
LEVEL 11 PACIFIC HIGHWAY
NORTH SYDNEY NSW 2060

SCALE
1:700 @ A1

DRAWN
GP

CHECKED
LB

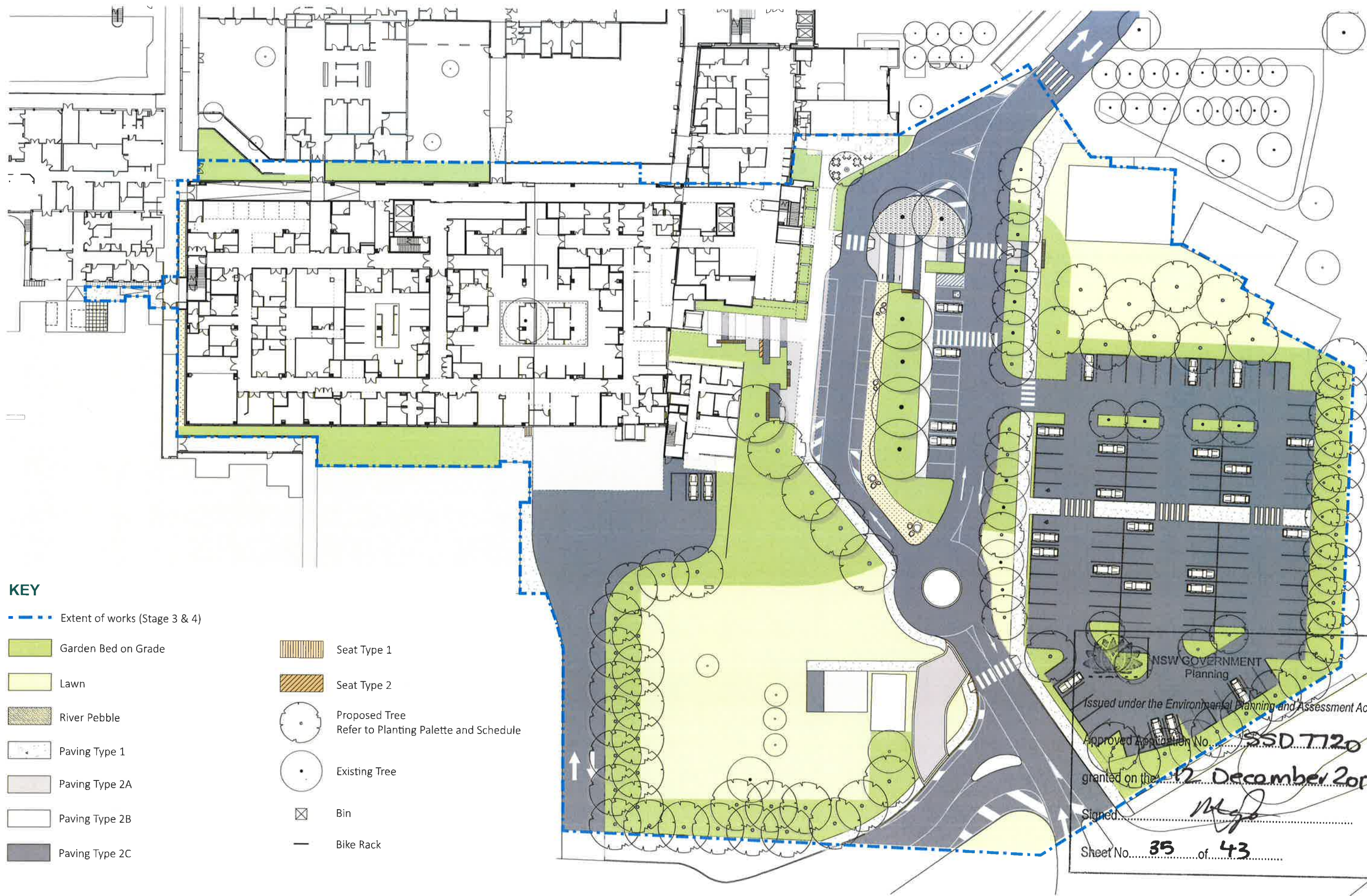
ISSUE
SSD Report

DWG. TITLE
TREE PROTECTION & REMOVAL PLAN

PROJECT
DHS Redevelopment Stages 3 & 4

360°
Studio 1, 1 Marys Place
Sydney NSW 2010
P 612 9238 3601
www.360.com.au

LA-11



KEY

Extent of works (Stage 3 & 4)

Garden Bed on Grade

Lawn

River Pebble

Paving Type 1

Paving Type 2A

Paving Type 2B

Paving Type 2C

Seat Type 1

Seat Type 2

Proposed Tree
Refer to Planting Palette and Schedule

Existing Tree

Bin

Bike Rack

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Fraxinus pennsylvanica 'Urbanite'
Urbanite Ash



Grevillea robusta
Silky Oak



Eucalyptus cinerea
Silver Dollar Tree



Eucalyptus citriodora
Lemon-scented Gum



Ulmus parvifolia
Chinese Elm



Tristaniopsis laurina 'Luscious'
Luscious Water Gum



Eucalyptus citriodora
Lemon-scented Gum



Eucalyptus sideroxylon
Red Ironbark

CAFE FORECOURT TREE

STREET ENTRY TREES

CARPARK SCREENING TREES

ENTRY TREES

CARPARK TREES

BOUNDARY TREES



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0 3 6 9 12 15m
1:300 @ A1
(or 1:800 @ A3)

ISS.	AMENDMENT	DATE	BY	ARCHITECT
A	SSD Report	07.11.17	GP	HJR

IMPORTANT NOTES:
1. All trees shown on this plan are to be planted in accordance with the specifications set out in the SSD Report.
2. The trees shown on this plan are to be planted in accordance with the specifications set out in the SSD Report.
3. The trees shown on this plan are to be planted in accordance with the specifications set out in the SSD Report.

CLIENT
NSW Health
NSW Infrastructure
LEVEL 11/1100 WILSON ROAD
NORTH SYDNEY NSW 2060

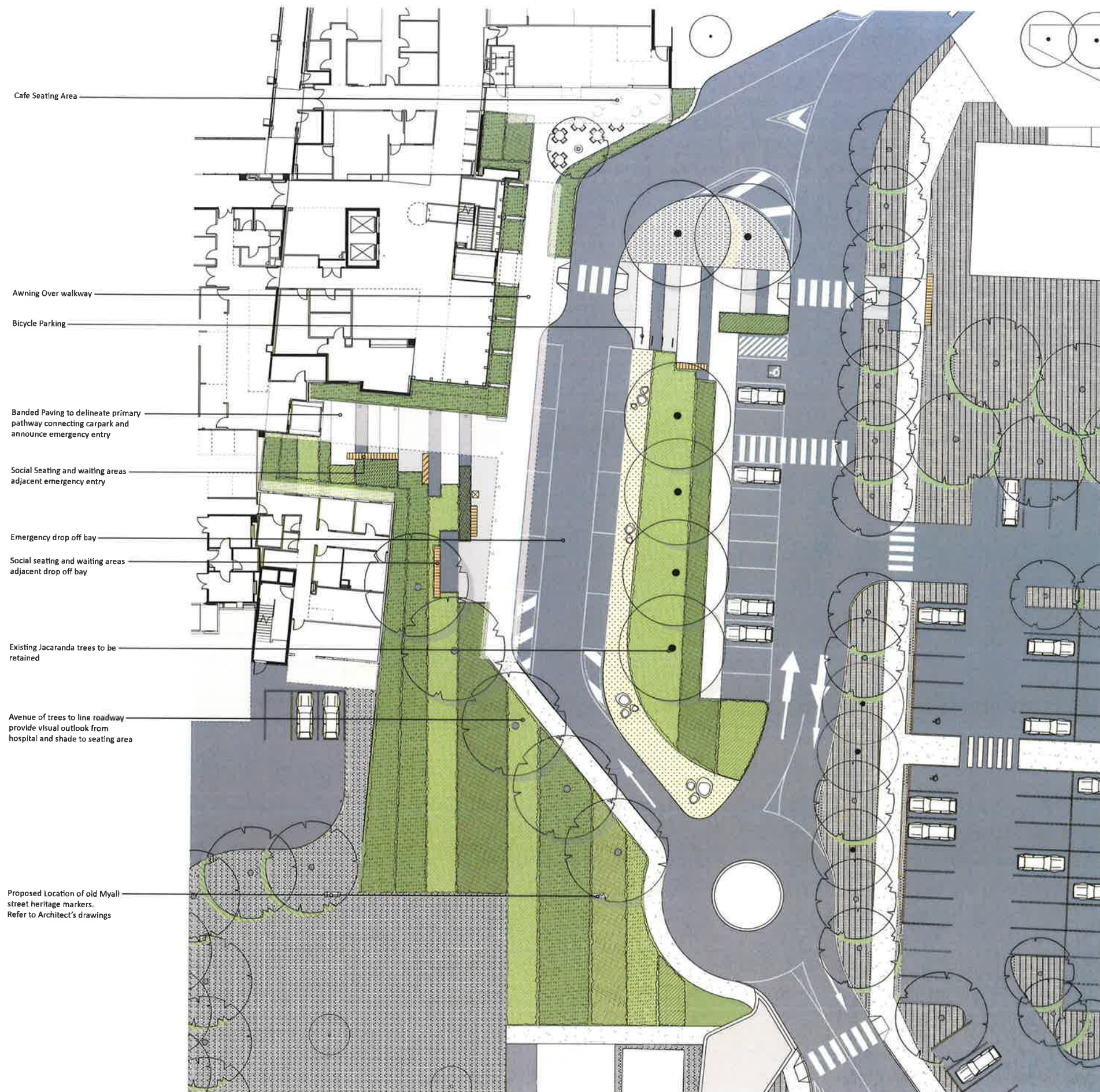
SCALE
1:300 @ A1
DRAWN
GF

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LB
ISSUE
SSD Report

DWG. TITLE
PROPOSED TREE PLAN
PROJECT
DHS Redevelopment Stages 3 & 4

360°
Studio 1, Mary's Place
Bentley NSW 2155
Tel: (02) 9380 0000
Fax: (02) 9380 0001
Email: info@360studio.com.au

LA-13



KEY PLAN - GROUND FLOOR



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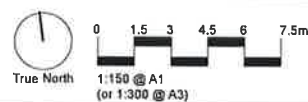
Approved Application No. **SSD 7720**

granted on the **12 December 2017**

Drawn by **NA**

No. **37** of **43**

PRELIMINARY
NOT FOR CONSTRUCTION



ISS.	AMENDMENT	DATE	BY	ARCHITECT
A	SSD Report	07.11.17	GF	HDR

IMPORTANT NOTES:
1. This plan is a preliminary design and is not to be used for construction.
2. All dimensions are to the centerline of the building footprint.
3. The plan is subject to the final approval of the Council.
4. The plan is subject to the final approval of the Council.
5. The plan is subject to the final approval of the Council.

CLIENT
NSW Health
LEVEL 6, 17 PACIFIC HIGHWAY
NORTH SYDNEY, NSW 2060

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SCALE
1:100 @ A1
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SSD Report

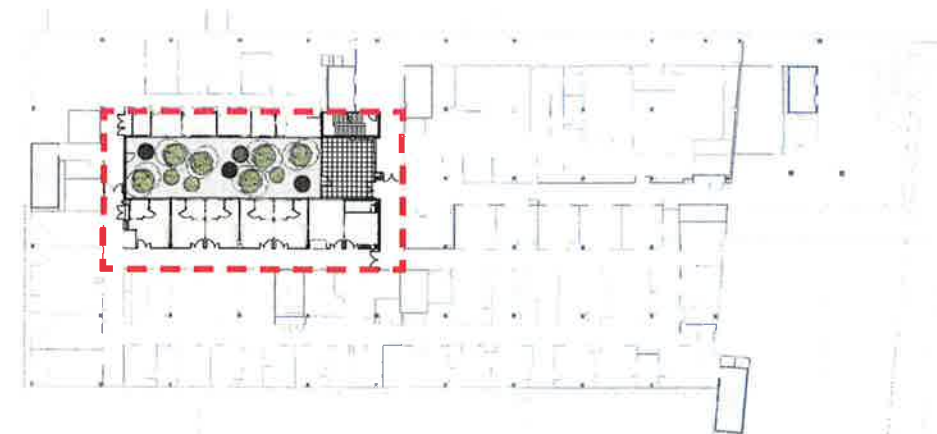
DWG. TITLE
LANDSCAPE PLAN - GROUND FLOOR
PROJECT
DHS Redevelopment Stages 3 & 4

360°
Studio 1, 1 Mary Place
Sydney, NSW 2000
Tel: (02) 9238 3000
Fax: (02) 9238 3001
Email: info@360.com.au
Website: www.360.com.au

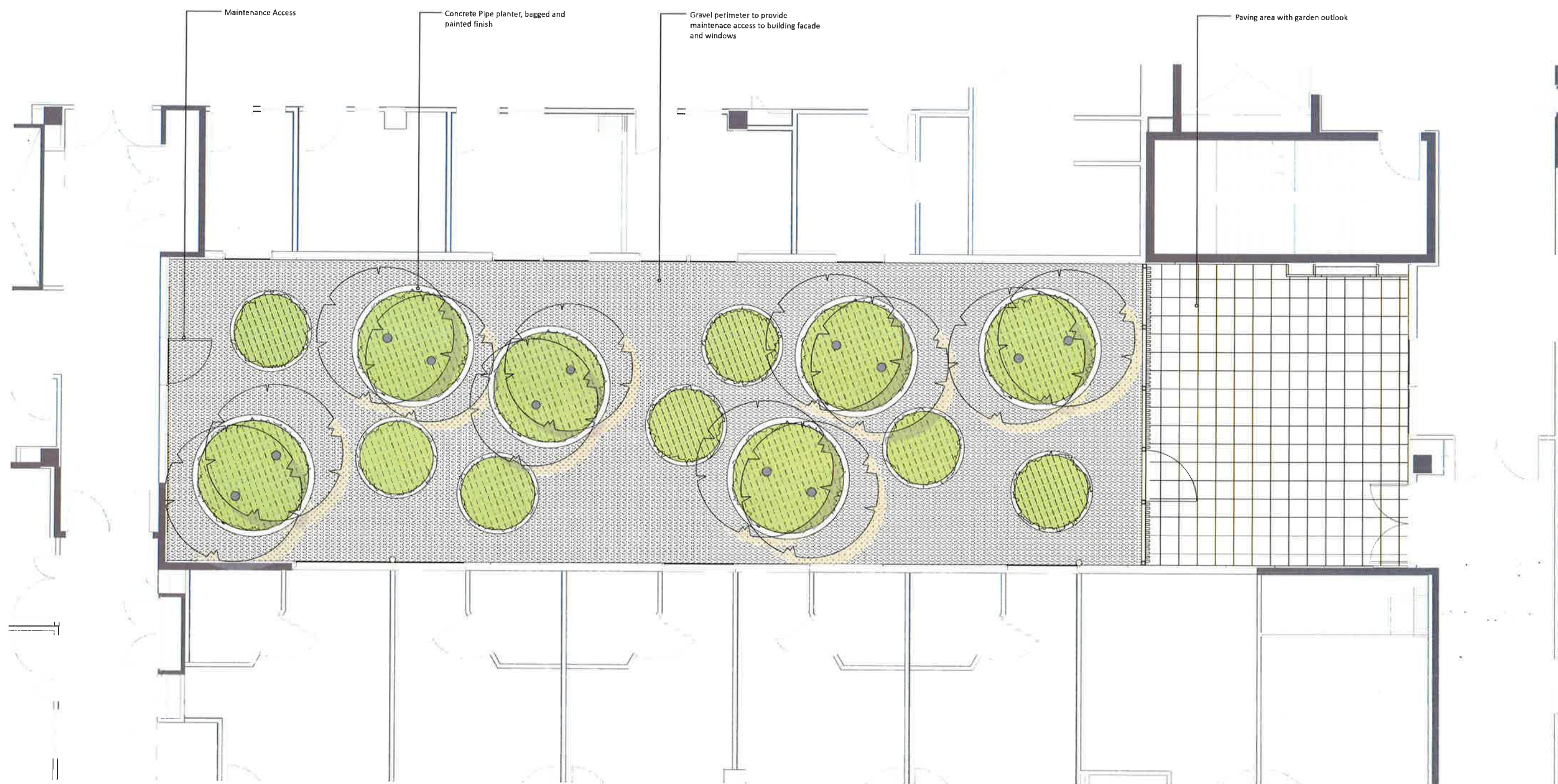
LA-14



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KEY PLAN - LEVEL 2



PRELIMINARY
NOT FOR CONSTRUCTION



True North

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A	SSD Report	07.11.17	GF

ARCHITECT



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IMPORTANT NOTES

1. **Identify the main idea** of the passage. What is the author's primary purpose in writing this text?

2. **Summarize the main points** of the passage in your own words. What are the key arguments or findings?

3. **Identify the supporting evidence** used by the author. What facts, statistics, or examples are provided to support the main idea?

4. **Identify the author's tone** or attitude. Is the author objective, biased, or opinionated?

5. **Identify the author's audience**. Who is the author writing for? What is the author's purpose in writing this text?

CLIENT
NSW Health
LEVEL 5, 77 PACIFIC HIGHWAY
NORTH SYDNEY, NSW 2060

SCALE
1:50 @ A1

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GF

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LB

SSD Report

DWG. TITLE
LANDSCAPE PLAN - LEVEL 02

PROJECT

DHS Redevelopment Stages 3 & 4

360

Studio 1, 1 Marge's
Burgers & More
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www.marges.com

1A15

PLANTING ZONE 1 ENTRY AND CAFE ZONE



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TREES



Fraxinus pennsylvanica 'Urbanite'
Urbanite Ash



Grevillea robusta
Silky Oak



Ulmus parvifolia
Chinese Elm

SHRUBS



Acacia cognata 'Mini Cog'
Mini Cog Dwarf Wattle



Agonis flexuosa 'Nana'
Dwarf Willow Myrtle



Baeckea virgata dwarf
Dwarf Twiggly Heath Myrtle



Camellia 'Plantation Pink'
Plantation Pink Camellia



Casuarina glauca 'Greenwave'
Sheoak



Escalonia 'Pink Elle'
Pink Elle Escalonia



Grevillea rosmarinifolia
Rosemary Grevillea



Rhopilepis indica 'Oriental Pearl'
Oriental Pearl



Rosmarinus 'Tuscan Blue'
Tuscan Blue Rosemary



Westringia 'Glabra Cadabra'
Coastal Rosemary

GRASSES / LILLIES / GROUNDCOVERS



Macrozamia communis
Burrawong



Casuarina glauca 'Cousin It'
Sheoak



Dianella caerulea 'Little Jess'
Little Jess Flax Lily



Doryanthes excelsa
Giant Spear Lily



Juniperus horizontalis
Creeping Juniper



Lomandra 'Lime Tuff'
Lime Tuff Mat Rush



Myoporum parvifolium
Creeping Boobialla



Rosmarinus officinalis 'Prostrate'
Prostrate Rosemary



Santolina chamaecyparissus
Cotton Lavender



Trachelospermum asiaticum
Asiatic Jasmine



PRELIMINARY
NOT FOR CONSTRUCTION

ISS.	AMENDMENT	DATE	BY
A	SSD Report	07.11.17	CF

ARCHITECT
HR
Hillier + Partners
100 Pitt Street, Sydney, NSW 2000
Tel: 02 9250 1000
Email: info@hillier.com.au

IMPORTANT NOTES:
1. This plan is a preliminary design and is not to be used for construction.
2. All dimensions are approximate and subject to change.
3. The client is responsible for obtaining all necessary permits and approvals.
4. The client is responsible for ensuring that the design complies with all relevant legislation and standards.
5. The client is responsible for ensuring that the design is suitable for the intended use and site conditions.

CLIENT
NSW Health
Infrastructure
Level 6, 7 & 8 Pacific Highway
North Sydney, NSW 1585

SCALE
N/A @ A1

DRAWN
OF

CHECKED
LB

ISSUE
SSD Report

DWG. TITLE
PLANTING PALETTE - ENTRY AND CAFE ZONE

PROJECT
DHS Redevelopment Stages 3 & 4

360d
Studio 1, 1 Mary Place
Burrumbidgee, NSW 2582
Tel: 02 9303 0600
Email: info@360d.com.au

LA-16

PLANTING ZONE 2 CARPARK BOUNDARY



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TREES



Eucalyptus cinerea
Argyle Apple



Eucalyptus citriodora
Lemon-scented Gum



Eucalyptus sideroxylon
Red Ironbark



Tristania laurina 'Luscious'
Water Gum

SHRUBS



Agonis flexuosa 'Nana'
Dwarf Willow Myrtle



Austromyrtus dulcis
Midgen Berry



Callistemon citrinus 'White Anzac'
Bottlebrush



Casuarina glauca 'Greenwave'
Sheoak



Correa alba
White Correa



Metaleuca incana 'Nana'
Dwarf Grey Honey Myrtle



Prostanthera ovalifolia
Oval Leaved Mint Bush



Rhapiolepis indica 'Oriental Pearl'
Oriental Pearl



Westringia 'Glabra Cadabra'
Coastal Rosemary

GRASSES / LILLIES / GROUNDCOVERS



Dianella caerulea 'Little Jess'
Little Jess Flax Lily



Doryanthes excelsa
Giant Spear Lily



Lomandra 'Lime Tuff'
Lime Tuff Mat Rush



Myoporum parvifolium
Creeping Boobialla



Rhagodia spinescens
Spiny Saltbush



Rosmarinus officinalis 'Prostrate'
Prostrate Rosemary



Russelia 'Lemon Falls'
Coral Plant



PLANTING ZONE 3
BUILDING PERIPHERY

SHRUBS



GRASSES / LILLIES / GROUNDCOVERS



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PLANTING ZONE 4
LEVEL 2

TREES



Tristaniopsis laurina 'Luscious'
Water Gum

SHRUBS



Rhapsodopsis indica 'Oriental Pearl'
Oriental Pearl



Choisya ternata
Mexican Orange Blossom

GRASSES / LILLIES / GROUNDCOVERS



Linopis 'Just Right'
Lily Turf



Dianella 'Little Jess'
Little Jess Flax Lily



Viola hederacea
Native Violet



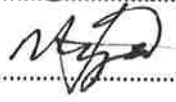


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PLANTING SCHEDULE

Scientific Name	Common Name	Native (N)	Mature Height	Mature Spread	Pot Size	Total Area (m²)	Square metre rate	Quantity
ENTRY AND CAFE PLANTING						1485 m²		
Planting Palette - Trees								
Fraxinus pennsylvanica 'Urbanite'	Urbanite Ash	-	15m	8m	300lt		N/A as shown	1
Grevillea robusta	Silky Oak	N	18m	10m	300lt		N/A as shown	12
Ulmus parvifolia	Chinese Elm	-	10m	11m	1000lt		N/A as shown	5
Planting Palette - Shrubs								
Acacia cognata 'Mini Cog'	Mini Cog Dwarf Wattle	N	0.75m	1.8m	150mm	45	3/m²	135
Agonis flexuosa 'Nana'	Dwarf Willow Myrtle	N	1.2m	1.2m	200mm	48	3/m²	144
Beechea virgeta dwarf	Dwarf Twiggy Heath Myrtle	N	1.2m	3m	200mm	30	4/m²	120
Camellia sasanqua 'Plantation Pink'	Plantation Pink Camellia	-	3m	1.5m	300mm	83	1/m²	83
Casuarina glauca 'Greenwave'	Sheoak	N	2m	2m	200mm	68	3/m²	204
Escallonia 'Pink Elle'	Pink Elle Escallonia	-	1m	1m	200mm	44	2/m²	88
Grevillea rosmarinifolia	Rosemary Grevillea	N	1.8m	1m	200mm	82	2/m²	164
Rhapiolepis indica 'Oriental Pearl'	Oriental Pearl	-	1m	1m	200mm	92	3/m²	276
Rosmarinus 'Tuscan Blue'	Tuscan Blue Rosemary	-	1.5m	0.8-1.2m	200mm	44	2/m²	88
Westringia 'Glabra Cadabra'	Glabra Cadabra Westringia	N	1.5m	1.5m	200mm	75	1/m²	75
Planting Palette - Grasses / Lillies / Groundcovers								
Casuarina glauca 'Cousin It'	Sheoak	N	0.2m	1m	200mm	44	4/m²	176
Dianella caerulea 'Little Jess'	Little Jess Flax Lily	N	0.4m	0.4m	150mm	144	5/m²	720
Doryanthes excelsa	Giant Spear Lily	N	2m	1.2m	300mm	93	2/m²	186
Juniperus horizontalis	Creeping Juniper	-	0.30m	1.2m	200mm	55	3/m²	165
Lomandra 'Lime Tuff'	Lime Tuff Mat Rush	N	0.6m	0.6m	150mm	254	5/m²	1270
Macrozamia communis	Burrawang	N	3m	3m	300mm	38	1/m²	38
Myoporum parvifolium	Creeping boobialla	N	0.1m	1m	150mm	115	3/m²	345
Rosmarinus officinalis 'Prostrale'	Prostrate Rosemary	-	0.5m	1m	200mm	56	4/m²	224
Santolina chamaecyparissus	Cotton Lavender	-	0.3m	0.6m	200mm	37	4/m²	148
Trachelospermum asiaticum	Asiatic Jasmine	N	0.1m	1.2m	150mm	41	4/m²	164
CAR PARK AND BOUNDARY PLANTING						1443 m²		
Planting Palette - Trees								
Eucalyptus cinerea	Argyle Apple	N	15m	5m	150lt		N/A as shown	5
Eucalyptus citriodora	Lemon-Scented Gum	N	20m	8m	150lt		N/A as shown	26
Eucalyptus sideroxylon	Red Ironbark	N	25m	6m	150lt		N/A as shown	22
Tristaniopsis laurina 'Luscious'	Water Gum	N	7m	4m	150lt		N/A as shown	18
Planting Palette - Shrubs								
Agonis flexuosa 'Nana'	Dwarf Willow Myrtle	N	1.2m	1.2m	200mm	71	3/m²	213
Austromyrtus dulcis	Midgen Berry	N	1m	0.8m	200mm	71	3/m²	213
Callistemon citrinus 'White Anzac'	Bottlebrush	N	1.5m	1.3m	200mm	97	4/m²	388
Casuarina glauca 'Greenwave'	Sheoak	N	2m	2m	200mm	97	3/m²	291
Correa alba	White Correa	N	2m	1.5m	150mm	71	2/m²	142
Prostanthera ovalifolia	Oval Leaved Mint Bush	N	1.5m	2.5m	150mm	71	1/m²	71
Westringia 'Glabra Cadabra'	Glabra Cadabra Westringia	N	1.5m	1.5m	300mm	97	1/m²	97
Planting Palette - Grasses / Lillies / Groundcovers								
Dianella caerulea 'Little Jess'	Little Jess Flax Lily	N	0.4m	0.4m	150mm	288	5/m²	1440
Lomandra 'Lime Tuff'	Lime Tuff Mat Rush	N	0.6m	0.6m	150mm	222	5/m²	1110
Myoporum parvifolium	Creeping Boobialla	N	0.2m	3m	150mm	144	2/m²	288
Rhagodia spinescens	Spiny Saltbush	N	0.6-1m	1.2m	150mm	144	3/m²	432
Russelia 'Lemon Fells'	Native Violet	-	1m	1.5m	200mm	70	3/m²	210
BUILDING PERIPHERY PLANTING						506 m²		
Planting Palette - Shrubs								
Michelia figo	Port Wine Magnolia	-	3m	3m	300mm	63	1/m²	63
Prostanthera ovalifolia	Oval Leaved Mint Bush	N	1.5m	2.5m	150mm	63	1/m²	63
Camellia sasanqua 'Plantation Pink'	Plantation Pink Camellia	-	3m	1.5m	300mm	63	1/m²	63
Westringia 'Glabra Cadabra'	Glabra Cadabra Westringia	N	1.5m	1.5m	200mm	63	1/m²	63
Planting Palette - Grasses / Lillies / Groundcovers								
Lomandra 'Lime Tuff'	Lime Tuff Mat Rush	N	0.6m	0.6m	150mm	60	5/m²	300
Myoporum parvifolium	Creeping Boobialla	-	0.2m	3m	150mm	57	2/m²	114
Dianella caerulea 'Little Jess'	Little Jess Flax Lily	N	0.4m	0.4m	150mm	80	5/m²	400
Viola hederacea	Native Violet	N	0.2m	1.5m	150mm	57	4/m²	228
LEVEL 2 PLANTING						53 m²		
Planting Palette -Trees								
Tristaniopsis laurina 'Luscious'	Water Gum	N	7m	4m	300lt		N/A as shown	12
Planting Palette - Shrubs								
Choyisia ternata	Mexican Orange Blossom	-	1.5m	1.5m	200mm	13	3/m²	39
Rhapiolepis 'Oriental Pearl'	Oriental Pearl	-	1m	1m	200mm	13	3/m²	39
Planting Palette - Grasses / Lillies / Groundcovers								
Dianella caerulea 'Little Jess'	Little Jess Flax Lily	N	0.4m	0.4m	150mm	9	5/m²	45
Liriope 'Just Right'	Lilyturf	-	0.4m	0.5m	150mm	9	5/m²	45
Viola hederacea	Native Violet	N	0.2m	1.5m	150mm	9	5/m²	45

IRRIGATION

The irrigation needs of the scheme have been considered both in terms of planting selection and the preliminary design of soil specification and profile. A conventional drip irrigation system will be installed within the top of the soil profile to deliver the water to the plants during establishment and to the soils thereafter.

It is intended that the irrigation system will be supplied by the rain water catchment system which will harvest roof water. This system can then reticulate ensuring water harvesting and greatly reduced requirement on mains water to sustain the roof gardens.

The planting beds include an overflow device/outlet to ensure water can drain from the planters, thus avoiding the plants getting wet feet from over watering or excessive rainfall. Excess water and overflow will be directed to the balcony drainage system avoiding contamination of the rainwater storage tank with particulates and nutrients.

The planters will be fertilised and fed up to twice per year. The form and delivery of fertiliser will vary according to plant species.

MAINTENANCE

The maintenance needs of any landscape are absolutely tied to the resolution of the design at planning level. This proposal attempts to negotiate the desire for verdant planted areas with the need to ensure that these plantings have longevity within a low-maintenance environment. The proposal includes:

- Use of predominantly native species (minimum 50%)
- A strong palette of proven performing plants which are tolerant of low-water conditions;
- The incorporation of passive WSUD strategies including the capture and use of surface storm water which will be conveyed to planters to assist in irrigation;
- A planting palette that utilises several species for each application ensuring seasonal change as well a consistent level of amenity should one of the species under perform;
- Small scale mass plantings within a low maintenance armature of hard furnishings and pavement ensuring that the failure of an individual specimen will be contained, permitting delayed maintenance.



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Sheet No.....43 of 43.....