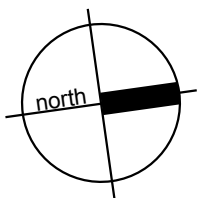


COMPASS RESIDENTIAL DEVELOPMENT

May 2019



LOCATION MAP



Drawing Schedule			Site Calculations		
Name	Drawing Number	Revision	Item	Area	Percentage
Cover Sheet	L000	A	Total Site	419m ²	
Ground Floor Landscape Plan	L101	A			
Level 7 Landscape Plan	L102	A	Ground Floor	14m ²	3%
Indicative Plant Schedule	L302	A	Permeable Paving	68m ²	16%
			Level 7	36m ²	9%
			Total Soft Landscaping	123m²	29%
			Deep Soil Planting Zones	5m ²	1%

Council Guidelines
The City of Newcastle-
-Newcastle Street Tree Masterplan 2011
-Newcastle City Council DCP 2012
7.02 Landscape Open Space and Visual Amenity
-Apartment Design Guide, Section 4P Planting on Structure
-Newcastle City Council Technical Manual Landscape 2015
-Newcastle City Council Street Tree Selection Manual 2016

Site Description:

The subject site is located at Lot 1 (DP131687) and the street address is 43 Station Street, Wickham, Newcastle NSW.

The existing topography of the site is relatively flat with a cross fall from the high point RL 1.94 located on the NW corner to the low point RL 1.54 located in the SE corner of the site.

Two storey brick residential townhouses occupy #43 Station street, which will be demolished as part of this proposal. There is currently exotic vegetation predominately in the front yard of the premises, which have been identified by the arborist to be removed and replaced.

Local Context/Character:

The existing street character is a mix of commercial/light industrial buildings and single storey terrace cottages.

Station Street has minimal existing street trees and the street character is predominantly hard paved areas, turf verges and off-street parking. A new concrete footpath and a turf verge has been recently installed outside the residential and commercial lots. There are some exotic tree and shrub species located within the front and rear garden areas of the residential lots.

The apparent infrastructure are two service poles located on either side of the subject site. Located directly across the road are over head power lines and the recently developed Newcastle Rail and Light Rail Interchange. The subject site is in close proximity to the Honeysuckle redevelopments and the fishing fleet wharves.

Proposed Development:

The proposed development will include a seven level, 16 residential unit with all living areas and Private Open Space balconies facing north. The driveway entry and main pedestrian entry to the apartment building is from Station Street.

On ground level there are six residential car parking bays with permeable paving and wheel stops in accordance with AS2890.1.

The common open space and public domain areas associated with this development and are as follows:

Common Open Space Areas:

The common open space areas of this development will be located on the seventh floor, as a rooftop garden and terrace for communal use by all residents of this apartment building.

The landscape intent for the common rooftop terrace space will include the following:

- Covered alfresco area with communal BBQ facilities and table & bench setting.
- Communal fold down clothesline facilities.
- External pergola structure with planting.
- Common open space areas to be located in areas that provide suitable solar access
- A raised planter north facing planter on structure for communal use by residents as a food production garden. Species include dwarf citrus trees, culinary herbs and medicinal plants will be implemented within this raised planter.
- A second raised planter located on the south side of the roof terrace, will include shrub planting and cascading plants to assist in softening the parapet/ facade of the building and to assist in screening the railway infrastructure across the road.

Common open space areas located on podium level or roof terrace levels to include raised planters on structure. All raised planters to include minimum suitable soil media in relation to trees, shrubs & groundcovers to promote optimum plant growth and in accordance with NSW Planning & Environment; Apartment Design Guide; Part 4P, Planting on Structures.

Public Domain / Street Works:

Public domain works with this residential apartment building will include a street tree to Station street, to assist in reducing the bulk and scale of the development.

- These public domain improvement works will include the following:
- New street tree planting and tree pits to City of Newcastle Council guidelines and standards.

Species selection and location of all verge plantings will be in respect to existing/proposed services and infrastructure, on street car parking and car door openings.

Planting Design Strategy:

The planting design strategy for this residential apartment building development to include the following:

- Tree planting near car park spaces on ground floor level will provide screening from neighbouring properties and assist with provision of shade for parked cars.
- Deciduous tree planting to allow for solar access & seasonal change
- A mixed planting palette to include a variety native species & exotic species to provide colour, texture, aroma & form.

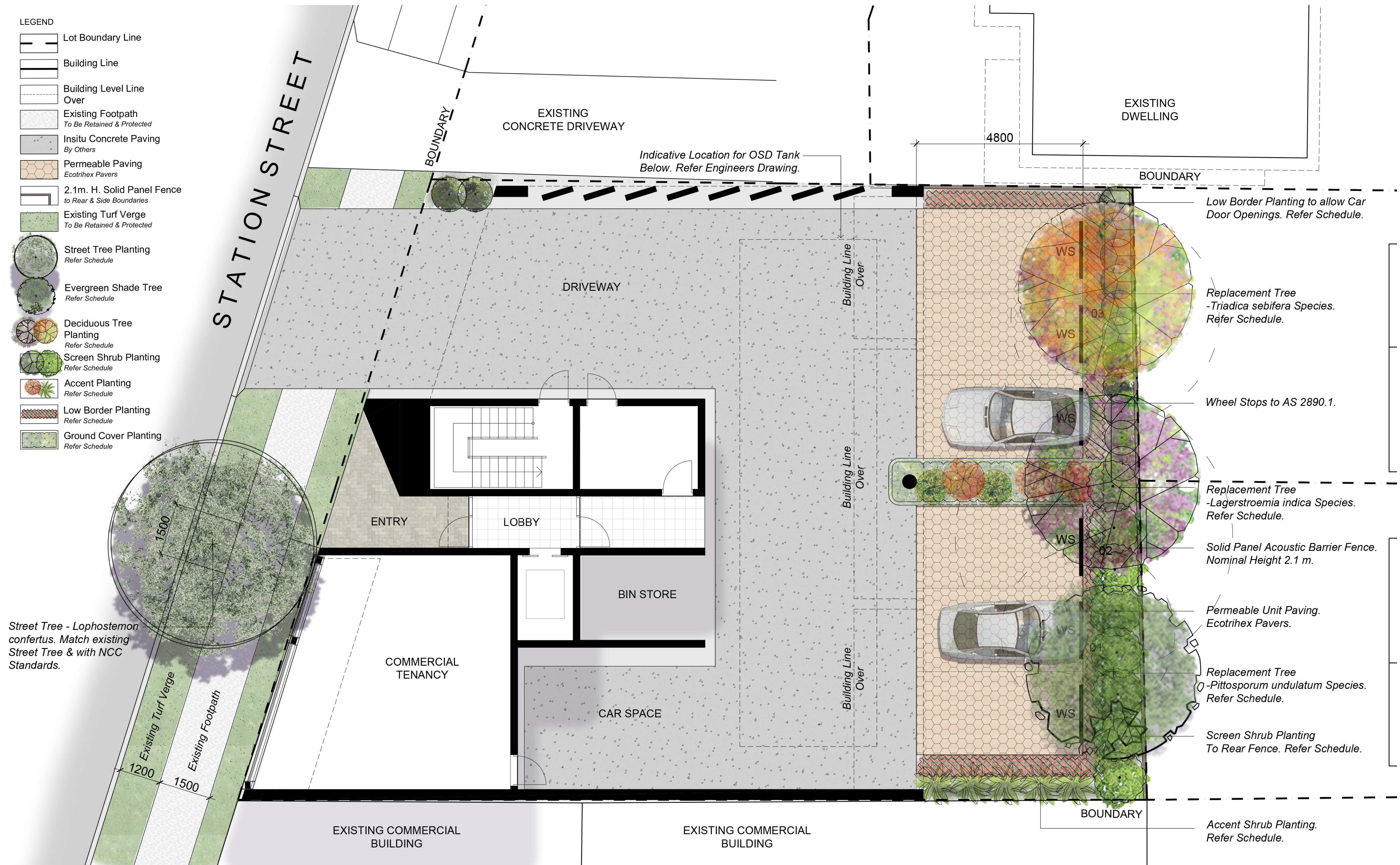
With the proposed landscape design for this development we would implement the following safety planting initiatives:

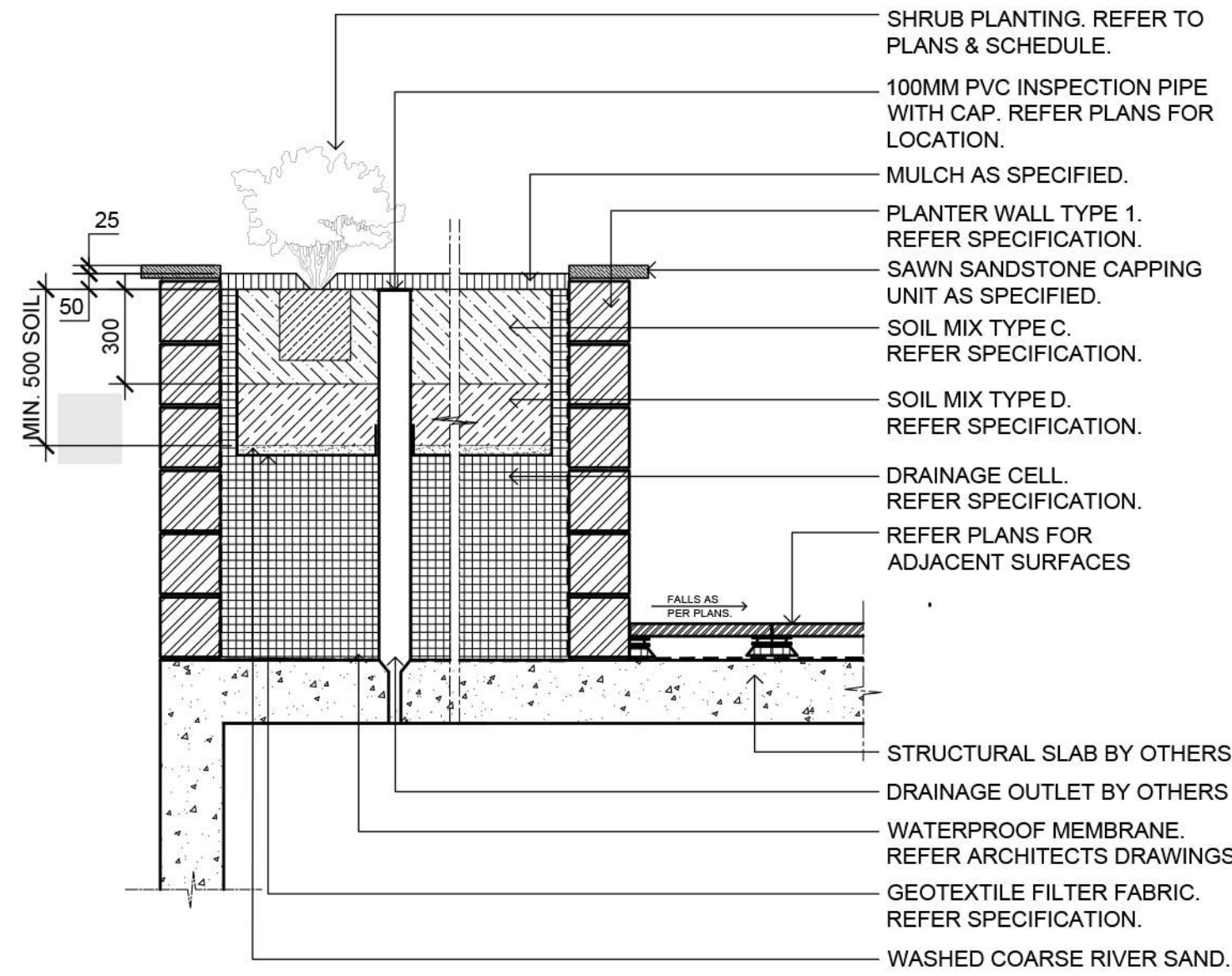
- Avoid planting tree species that are prone to potential limb drop
- Avoid planting species close to paths and hard paved areas that are known for excessive flower and foliage drop that may cause potential slip hazards
- Avoid planting species that are known for invasive root structure that may cause damage to existing infrastructure and damage paths & hard paved areas, which may cause potential trip hazards
- Avoid planting species that are known to be toxic or may cause respiratory, allergy and/or skin irritations

Shrub species, sizing & locations are to ensure that passive surveillance is maintained at building, carpark & driveway entries path and all plantings are to be layered to with smaller groundcovers and shrubs adjacent to paths and buildings in accordance with Crime Prevention Through Environmental Design (CPTED) principles.

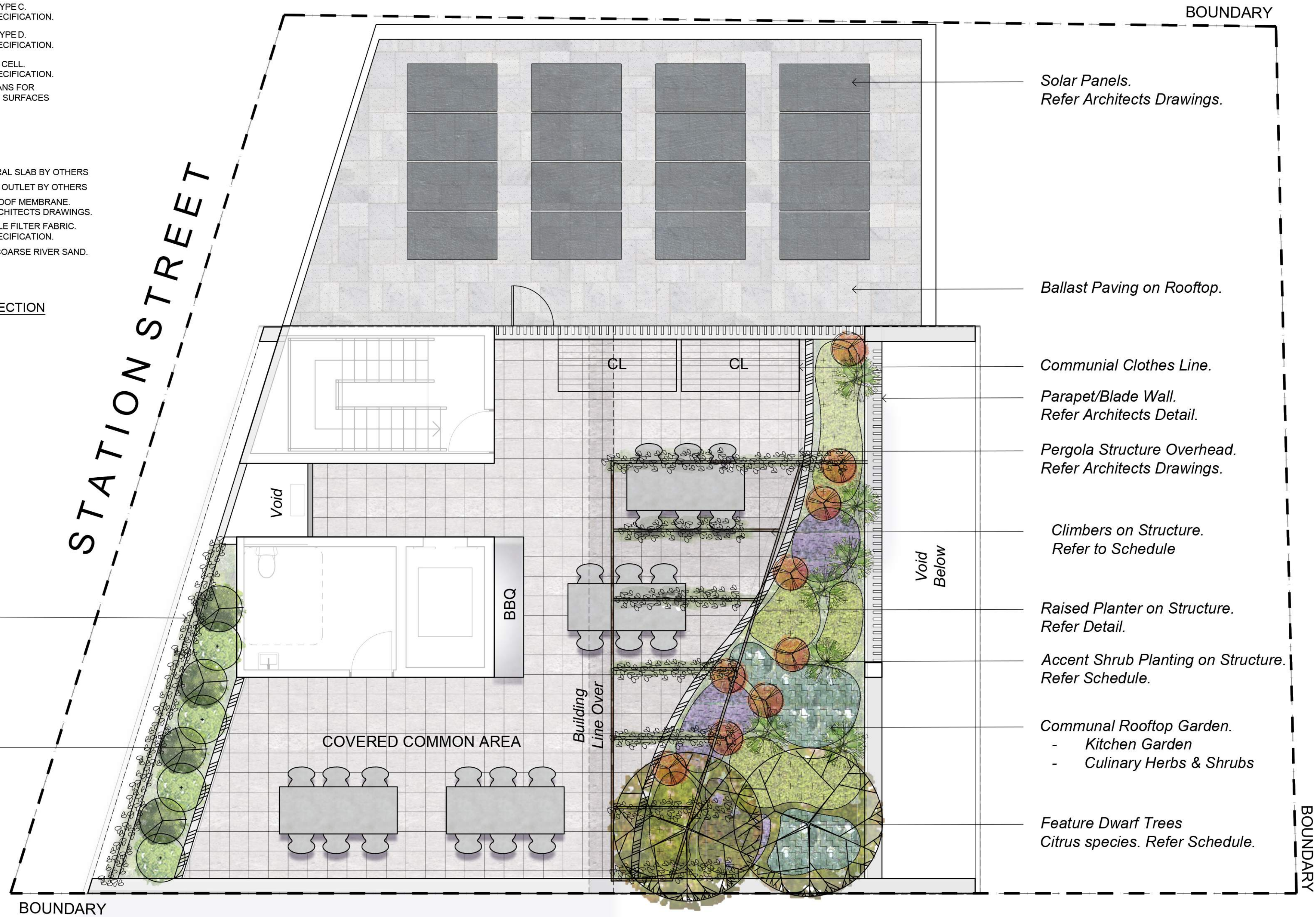
All proposed plant species selection has been considered in terms of soil types, species hardness and on-going watering maintenance requirements. Predominantly low water use species (both native & exotic) have been grouped in regard to watering requirements and to reduce reliance on use of potable water.

- LEGEND
- Lot Boundary Line
 - Building Line
 - Building Level Line Over
 - Existing Footpath To Be Retained & Protected
 - Insitu Concrete Paving By Others
 - Permeable Paving Ecotrihex Pavers
 - 2.1m. H. Solid Panel Fence to Rear & Side Boundaries
 - Existing Turf Verge To Be Retained & Protected
 - Street Tree Planting Refer Schedule
 - Evergreen Shade Tree Refer Schedule
 - Deciduous Tree Planting Refer Schedule
 - Screen Shrub Planting Refer Schedule
 - Accent Planting Refer Schedule
 - Low Border Planting Refer Schedule
 - Ground Cover Planting Refer Schedule





TYPICAL PLANTER WALL ON SUSPENDED SLAB - SECTION
SCALE 1:20



- LEGEND
- Lot Boundary Line
 - Building Line
 - Feature Unit Paving
Pedestrian Entry & Common Areas
 - Ballast Paving on Rooftop
 - Raised Planter Wall
Refer Detail
 - Feature Tree Planting
Refer Schedule
 - Screen Shrub Planting
Refer Schedule
 - Accent Shrub Planting
Refer Schedule
 - Climbing Plants
Refer Schedule
 - Kitchen Garden Planting
Refer Schedule

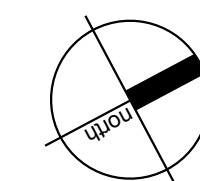


Image	Botanical Name	Common Name	Mature Height (m.)	Mature Spread (m.)	Pot Size	Comments
Street Trees						
	<i>Lophostemon confertus</i>	Brush Box	12	9	75L	Stakes and ties
Shade Amenity Tree						
01	<i>Pittosporum undulatum</i>	Sweet Pittosporum	6	5	75L	Stakes and ties
Deciduous Trees						
02	<i>Triadica sebifera</i>	Chinese Tallow	8	8	75L	Sakes and ties
03	<i>Lagerstroemia indica</i> x <i>L. fauriei</i>	Crepe Myrtle	4	3	75L	Stakes and ties
Small Feature Trees						
04	<i>Citrus limon</i>	Lemon	3	3	25L	Stakes and ties
05	<i>Citrus aurantifolia</i>	Lime	4	3	25L	Stakes and ties
	<i>Tristaniopsis 'Luscious'</i>	Luscious Water Gum	8	5	75L	Stakes and ties
Tall Screen Shrubs > 1.5m						
06	<i>Banksia robur</i>	Swamp Banksia	2	2	300mm	
07	<i>Breynia cernua 'Ironstone Range'</i>	Coffee Bush	2	1.5	300mm	
08	<i>Bambusa textilis 'Gracilis'</i>	Bamboo 'Gracills)	8	1	300mm	
09	<i>Syzygium australe 'Pinnacle'</i>	Pinnacle Narrow Lilly Pilly	7.5	1.5	300mm	
Shrubs < 1.5m						
10	<i>Beschorneria yuccoides</i>	Mexican Lily	1.5	1	200mm	
11	<i>Callistemon 'Better John'</i>	Better John Bottlebrush	1.2	0.9	200mm	
	<i>Grevillea 'Crimson Villa'</i>	Crimson Villa	0.7	0.7	200mm	
12	<i>Thysanolaena maxima</i>	Tropical Clumping Grass	3	.8	200mm	
13	<i>Westringia fruticosa 'Zena'</i>	Westringia 'Zena'	1.2	1.2	200mm	
Mass Planted Groundcovers						
14	<i>Alternanthera dentata 'Little Ruby'</i>	Littly Ruby	0.5	0.5	140mm	
15	<i>Convolvulus cheorum</i>	Silver Bush	0.5	1	140mm	
	<i>Dianella caerulea 'Little Jess'</i>	Little Jess Flax Lily	0.4	0.4	140mm	
16	<i>Dichondra repens</i>	Kidney Weed	0.1	1.5	100mm	
17	<i>Liriope muscari 'Isabella'</i>	Isabella Fine Leaf Liriope	0.4	0.5	140mm	
	<i>Myoporum parvifolium 'Yareena'</i>	Yareena Creeping Boobialla	0.1	1	140mm	
18	<i>Neomarica gracilis</i>	Walking Iris	0.5	0.5	140mm	
	<i>Poa labillardieri 'Kingsdale'</i>	Blue Tussock Grass	0.45	0.45	140mm	
19	<i>Stachys byzantina</i>	Lambs Ears	0.5	0.5	140mm	
20	<i>Westringia 'Mundi'</i>	Westringia 'Mundi'	0.6	1.5	140mm	
Low Border Planting						
	<i>Carex albula 'Frosted Curls'</i>	New Zealand Hair Sedge	0.6	0.6	140mm	
	<i>Lomandra confertifolia 'Wingarra'</i>	Lomandra Wingarra	0.4	0.6	140mm	
	<i>Viola hederacea</i>	Native Violet	0.1	0.3	140mm	
Cascading Planting						
	<i>Casuarina glauca 'Cousin It'</i>	Cousin It	0.3	1	140mm	
	<i>Hardenbergia violacea 'Meema'</i>	Meema Snake Vine	0.5	2	140mm	
	<i>Rosmarinus officinalis 'Blue Lagoon'</i>	Blue Lagoon Rosemary	0.3	1	140mm	
Shade Tolerant Planting						
21	<i>Asplenium australasicum</i>	Birds Nest Fern	1	1	140mm	
	<i>Blechnum nudum</i>	Fishbone Water Fern	0.7	0.5	140mm	
	<i>Macrozamia communis</i>	Burrawang	1	1.5	140mm	
	<i>Philodendron 'Xanadu'</i>	Xanadu Dwarf Philodendron	0.8	0.8	140mm	
Culinary and medicinal Planting						
	<i>Allium tuberosum</i>	Chinese Chives/Garlic	0.45	0.45	140mm	
	<i>Aloe vera</i>	Medicinal Aloe	.6	.6	140mm	
22	<i>Echinacea purpurea</i>	Purple Coneflower/Echinacea	1	.45	140mm	
	<i>Laurus nobilis</i>	Bay Leaf Tree	5	3		
23	<i>Lavendula officinalis</i>	Lavender	1.5	1	140mm	
	<i>Rosmarinus officinalis</i>	Rosemary Varieties	0.8	1	140mm	
24	<i>Thymus x citridorus</i>	Lemon Scented Thyme	.3	.3	140mm	
Climbers						
25	<i>Cissus antarctica</i>	Kangaroo Vine	6		140mm	
	<i>Pandorea jasminoides</i>	Bower of Beauty	5		140mm	
	<i>Pyrostegia venusta</i>	Orange Trumpet Vine	10		140mm	

