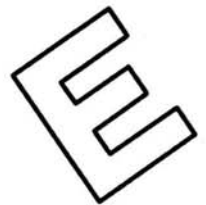


Contents

- 3 – DESIGN INTENT
- 4 – PLANTING PALETTE
- 5 – PLANTING PALETTE
- 6 – PLANTING PALETTE
- 7 – GROUND FLOOR PLAN
- 8 – FIRST FLOOR PLAN
- 9 – SECOND FLOOR PLAN
- 10 – THIRD FLOOR PLAN
- 11 – FORTH FLOOR PLAN
- 12 – FIFTH FLOOR PLAN
- 13 – SIXITH FLOOR PLAN
- 14 – ROOF TOP PLAN

TOWN PLANNING DOCUMENT

Piedemonte's Development, North Fitzroy



eckersley  
garden  
architecture

# DESIGN INTENT

## LANDSCAPE APPROACH

The proposed landscape for Piedmonte's Supermarket takes the approach of looking at how to retain and further reflect the prominent landscape characteristics of the surrounding North Fitzroy community. Some important themes to be reflected in the landscape are the history of Fitzroy's Victorian workers cottage style buildings, the migratory history and the areas connected community.

At ground level, along the façade of Piedmonte's, a number of garden beds will take form as what we would like to call 'The Collector's Corners'. These will provide the public with a sense of nostalgia through the selection of introduced plants, a reflection of where each part of the community migrated from. These garden beds will also encourage the use of edibles and cut flowers to provide a sense of connection amongst the community.

On upper levels, vertical greening treatments of the higher facades of the building through climbing and cascading plants, in combination with textural plants such as succulents and grasses, will aid in softening the building as well as forming private open spaces for residents on the upper levels. The plants selected provide an evergreen palette suitable for low water use and seasonal resilience.

The communal rooftop garden provides a combination of varying sized outdoor intimate spaces, allowing for residents to have flexible opportunities to privately entertain and engage as a community in meet and greet settings such as the potager and laundry area. These spaces are framed by light weight pergolas, draped in deciduous creepers to form green canopies, whilst also providing lighting for the areas from above, enabling nighttime use.

This approach to the streetscape and apartment living is truly centered on the community which North Fitzroy prides itself on.



TOWN PLANNING DOCUMENT

Piedmonte's Development, Fitzroy North

  
eckersley  
garden  
architecture

# PLANTING PALETTE

CODE	BOTANICAL NAME	COMMON NAME	ORIGIN
<b>TREES</b>			
LITU	Lagerstroemia indica 'Tuscarora'	Red Crepe Myrtle	Exotic



LITU

<b>SHRUBS</b>			
BSCC	Banksia spinulosa 'Coastal Cushions'	Dwarf Hairpin Banksia	Native
CDBE	Correa 'Dusky Bells'	Common Correa	Native
CCGR	Cotinus coggygria 'Grace'	Purple Leaf Smoke Bush	Exotic
LANO	Lauris nobilis	Bay Leaf	Exotic
RHIN	Rhaphiolepis intermedia	White Indian Hawthorn	Exotic



BSCC



CDBE



CCGR



LANO



RHIN

<b>STRAP LEAF &amp; GRASSES</b>			
ARCI	Dichondra repens	Kidney Weed	Exotic
CAKF	Calamagrostis x acutifolia 'Karl Foerster'	Feather Reed Grass	Exotic
FINO	Ficinia nodosa	Knobby Club Rush	Indigenous
LLTA	Lomandra longifolia 'Tankia'	Fine Leaf Mat Rush	Native
MITR	Miscanthus transmorrisonensis	Evergreen Feather Grass	Exotic



ARCI



CAKF



FINO



LLTA



MITR





# PLANTING PALETTE

CODE	BOTANICAL NAME	COMMON NAME	ORIGIN
<b>GROUND COVERS</b>			
DIRE	<i>Dichondra repens</i>	Kidney Weed	Indigenous
DICR	<i>Disphyma crassifolium</i>	Noon Flower	Indigenous
ROPR	<i>Rosmarinus officianalis 'Prostratus'</i>	Prostrate Rosemary	Exotic
VIHE	<i>Viola hederacea</i>	Native Violet	Indigenous
VIOD	<i>Viola odorata</i>	Sweet Violet	Exotic
<b>CLIMBERS</b>			
APRE	<i>Aphanopetalum resinatum</i>	Gum Vine	Native
BOGL	<i>Bougainvillea glabra</i>	Paper Flower	Exotic
PAHE	<i>Parthenocissus henryana</i>	Silver Veined Creeper	Exotic
PAQU	<i>Parthenocissus quinquefolia</i>	Virginia Creeper	Exotic
PATR	<i>Parthenocissus tricuspidata</i>	Boston Ivy	Exotic
TRAS	<i>Trachelospermum asiaticum</i>	Rambling Star Jasmine	Exotic
VICO	<i>Vitis cignetiae</i>	Crimson Glory Vine	Exotic



DIRE



DICR



ROPR



VIHE



VIOD



APRE



BOGL



PAHE



PAQU



PATR



TRAS



VICO



# PLANTING PALETTE

CODE	BOTANICAL NAME	COMMON NAME	ORIGIN
<b>COLLECTOR'S CORNER</b>			
AGAT	<i>Agave attenuata</i>	Foxtail Agave	Exotic
ALAR	<i>Aloe arborescens</i>	Candelabra Aloe	Exotic
ALPL	<i>Aloe plicatilis</i>	Fan Aloe	Exotic
ADMY	<i>Asparagus densiflorus 'Myersii'</i>	Myers Asparagus Fern	Exotic
CURA	<i>Curio radicans</i>	String of Bananas	Exotic
CROV	<i>Crassula ovata</i>	Jade Plant	Exotic
CUPA	<i>Cupaniopsis paniculata</i>	Cabbage Tree	Exotic
ECSE	<i>Echeveria secunda</i>	Hen & Chicks	Exotic
ETRU	<i>Euphorbia trigona 'Rubra'</i>	Red Africa Milk Tree	Exotic
OBSP	<i>Opuntia 'Burbank Spineless'</i>	Tiger Tongue	Exotic
PAMA	<i>Pachycereus marginatus</i>	Fence Post Cactus	Exotic



AGAT



ALAR



ALPL



ADMY



CURA



CROV



CUPA



ECSE



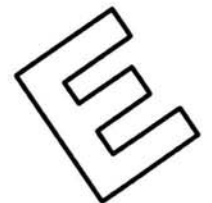
ETRU



OBSP



PAMA



**NOTES**

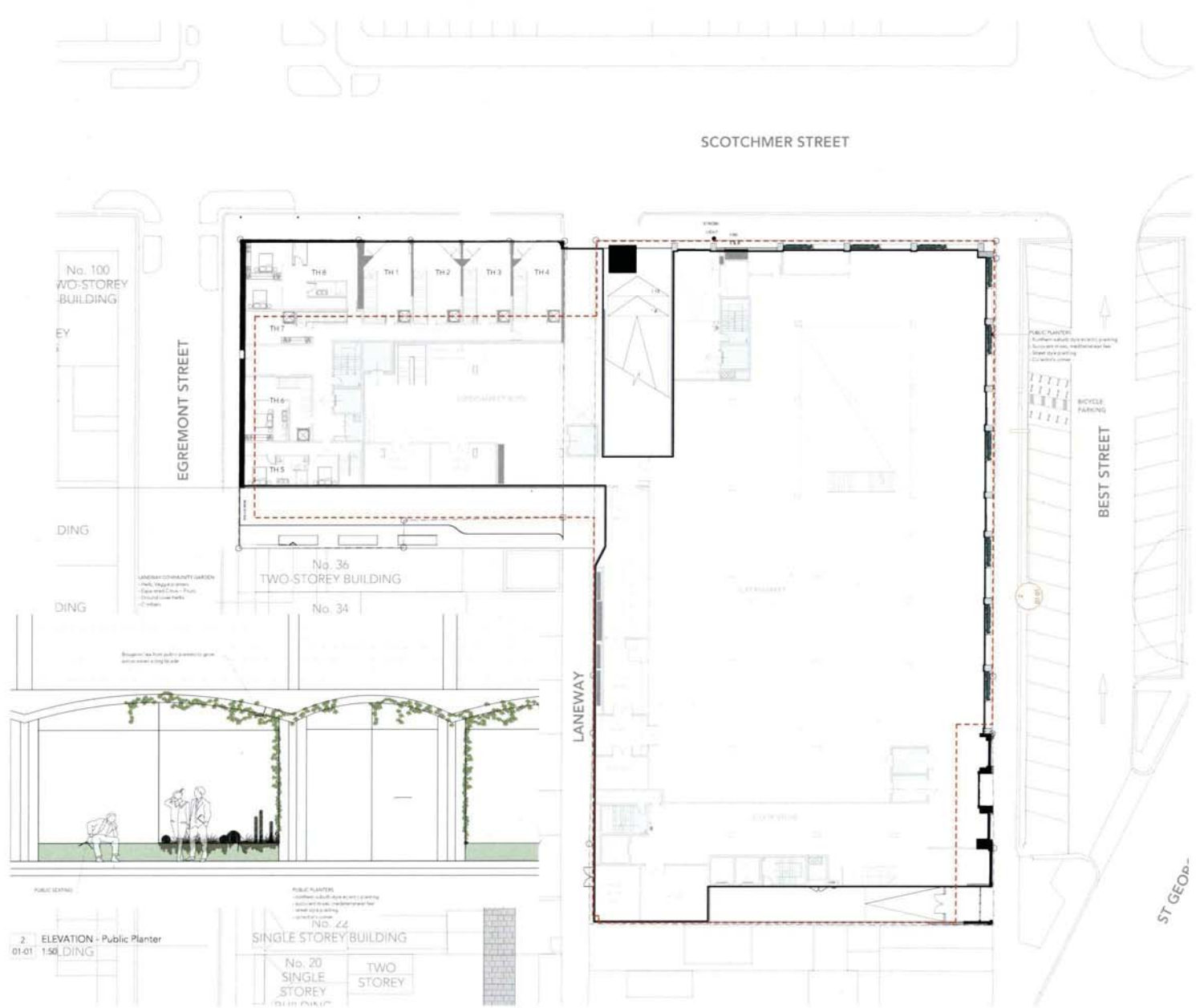
THIS DRAWING IS CONCEPTUAL ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.

**LEGEND**

-  Planter Box  
Refer to separate planer detail for sub-profile
-  Succulent Planting
-  Deciduous Climber - see terms sheet or call for details



T TYPICAL DETAIL - Planter Soil Profile  
01-01 | 125

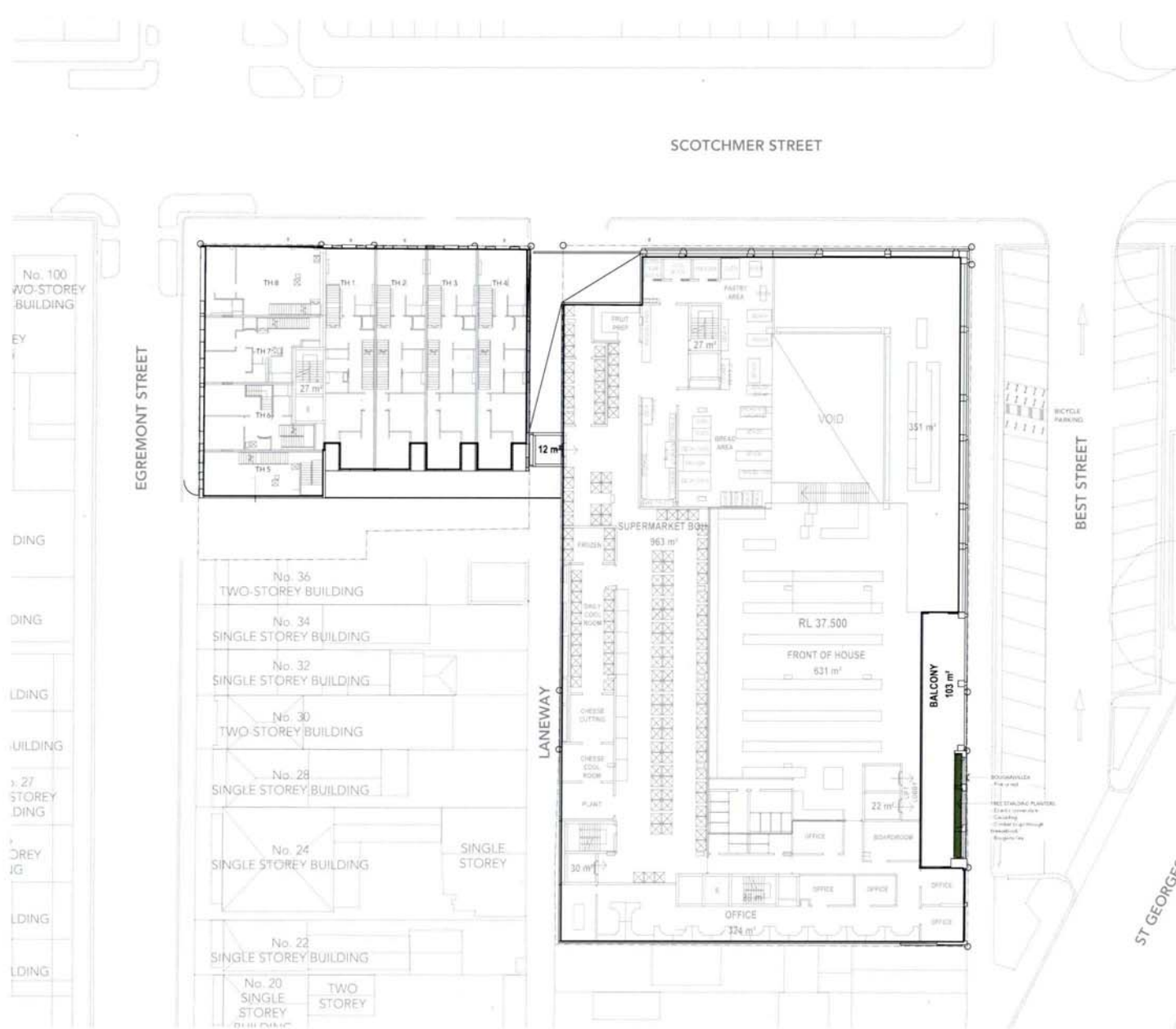


2 ELEVATION - Public Planter  
01-01 | 150\_DING

**TOWN PLANNING**



Ecovisio Garden Architecture Pty. Ltd. 40 The Hill Street, 701, West Brisbane T: +61 7 3413 3222 info@ecovisio.com.au www.ecovisio.com.au	Additional Information All measurements must be checked on site before commencing any work. All works requiring engineering applications must be independently designed by a qualified engineer. Levels and spot heights to be checked on site.	Client: PREDMONTE'S Project: 27-49A Best Street Flory North Drawing Title: GROUND FLOOR PLAN Drawing No.: PE-111821-01	Date: 19 DEC 18 Scale: 1:200 (A1) 1:400 (A3) Rev: BL / JC
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**NOTES**

THIS DRAWING IS CONCEPTUAL ONLY AND IS NOT TO BE USED FOR CONSTRUCTION.  
 ALL METAL STRUCTURES, BOUNDARY WALLS, RETAINING WALLS AND FENCES ARE TO BE FINISHED IN A DARK COLOUR.

**CONCEPT LEGEND**



**SATURATED BULK DENSITY TABLE**

**LIGHTWEIGHT ROOF GARDEN GUIDELINES**  
 Following Australia's lightweight roof garden system sets to the following depth and saturated weight guidelines.  
 The soil mix is 10% washed sand, 40% washed fines and 50% composted organic matter by volume.

Soil No	DEPTH	WATER	WIND	WIND	WIND	WIND
Layer 1	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 2	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 3	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 4	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 5	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 6	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 7	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 8	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 9	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 10	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 11	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 12	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 13	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 14	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 15	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 16	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 17	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 18	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 19	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 20	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 21	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 22	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 23	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 24	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 25	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 26	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 27	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 28	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 29	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 30	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 31	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 32	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 33	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 34	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 35	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 36	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 37	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 38	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
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Layer 40	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 41	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 42	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 43	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 44	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 45	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 46	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 47	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 48	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 49	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²
Layer 50	100 mm	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²	100 kg/m²



1 TYPICAL DETAIL - Planter Soil Profile  
 01.02 1/25

**TOWN PLANNING**









NOTES

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LEGEND



SCOTCHMER STREET

EGREMONT STREET

BEST STREET

LANEWAY

ST GEORGE



SATURATED BULK DENSITY TABLE

LIGHTWEIGHT ROOF SAVING GUIDELINES

For more details see AS/NZS 4589:2001 and AS/NZS 4589:2001 Part 2.

For more details see AS/NZS 4589:2001 and AS/NZS 4589:2001 Part 2.

For more details see AS/NZS 4589:2001 and AS/NZS 4589:2001 Part 2.

Soil No.	TYPE	GRAVEL	SANDS	SILTS	CLAYS	WATER
Layer 1	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Layer 2	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Layer 3	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Layer 4	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Layer 5	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Layer 6	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Layer 7	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Total Depth	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³
Total Weight	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³	100 kg/m³



1 TYPICAL DETAIL - Planter Soil Profile  
01.05 - 1.25

TOWN PLANNING

**E** **ockstori**  
Green Architecture

Client: PEDOMONTES  
Project: 27-48A Best Street Fitzroy North  
Drawing Title: FOURTH FLOOR PLAN  
Drawing No.: PE-1118-01-05

Date: 19 DEC 18  
Scale: 1:200 (AT)  
1:400 (AS)  
Drawn: S.F. JC

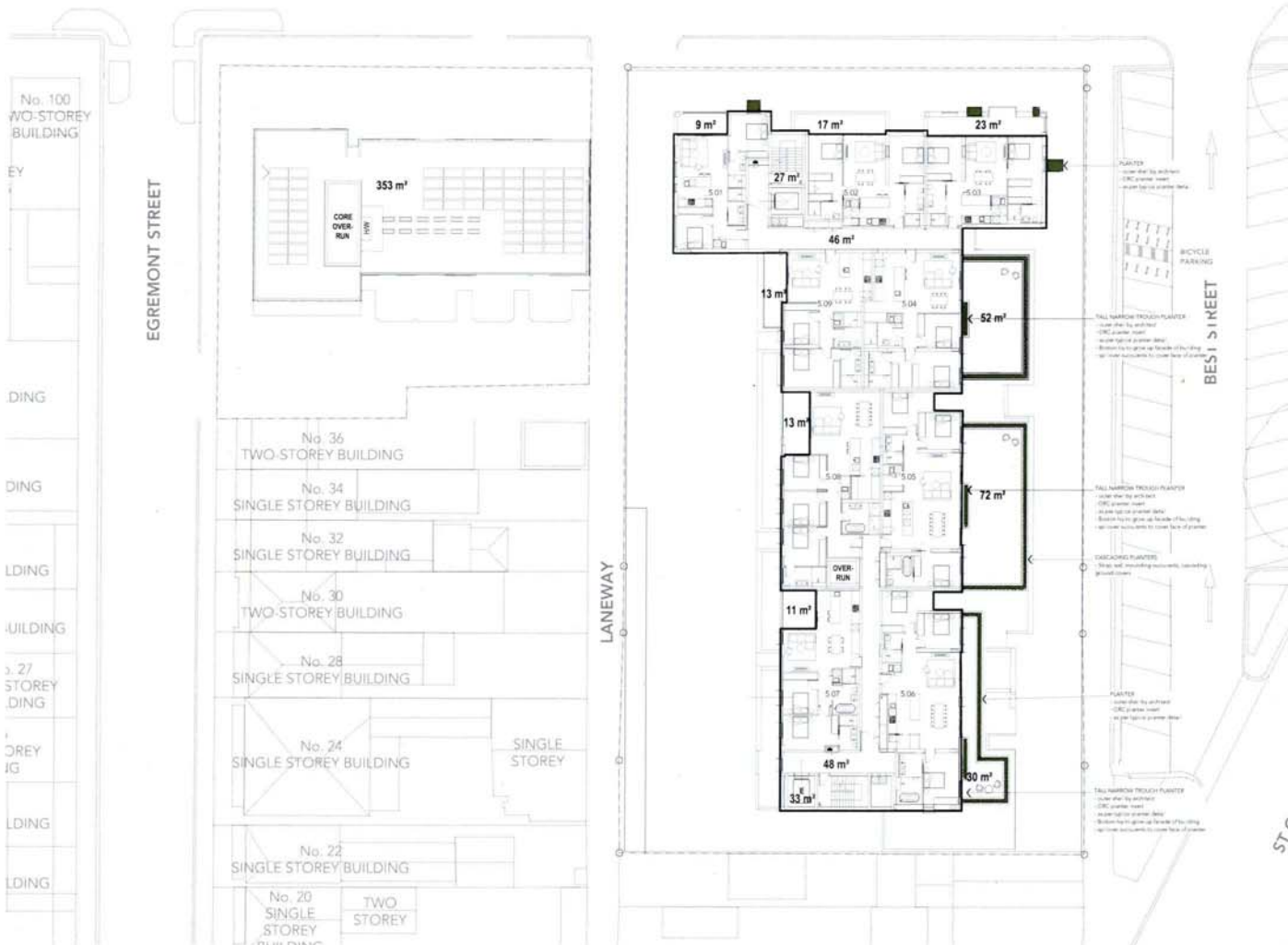
**NOTES**

THIS DRAWING IS CONCEPTUAL ONLY AND IS NOT TO BE USED FOR CONSTRUCTION

**LEGEND**



SCOTCHMER STREET



**SATURATED BULK DENSITY TABLE**

**SOIL CLASSIFICATION**

**LIGHTWEIGHT ROOF GARDEN GUIDELINES**

Minimum Required lightweight roof garden system water to the following depth and saturated weight equivalent:  
The soil mix is 50% substrate mix, 40% hydrogel fibres and 10% compressed organic matter by volume.  
Saturated bulk density is 1000 kg/m<sup>3</sup>

Soil No	CLASS	DEPTH	Substrate	Hydrogel	Organic	Weight
Layer 1	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 2	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 3	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 4	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 5	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 6	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 7	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 8	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 9	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 10	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 11	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 12	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 13	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 14	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 15	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 16	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 17	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 18	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 19	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 20	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
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Layer 22	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 23	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 24	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 25	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 26	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 27	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 28	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 29	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 30	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 31	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 32	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
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Layer 34	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 35	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 36	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 37	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 38	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 39	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 40	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
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Layer 42	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
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Layer 44	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 45	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 46	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 47	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 48	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 49	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 50	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 51	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 52	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 53	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 54	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 55	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 56	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 57	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 58	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 59	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 60	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 61	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 62	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 63	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 64	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 65	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 66	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 67	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 68	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 69	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
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Layer 73	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 74	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 75	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 76	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 77	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 78	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 79	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 80	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 81	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 82	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 83	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 84	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 85	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 86	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 87	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 88	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 89	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 90	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 91	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 92	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 93	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 94	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 95	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 96	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 97	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 98	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 99	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>
Layer 100	Substrate	100mm depth	100mm depth	100mm depth	100mm depth	100 kg/m <sup>2</sup>

**Please Note:** The weights shown do not include plants. The weights shown for soil are approximately 100 kg/m<sup>2</sup>.

Reference the information in section 1.1 of the code and also see the suitability of the procedure in this code. The system may require a 60mm square holes of soil grain in Layer 1 and 2 (200mm in Australia) for water to be drained by capillary action or in the horizontal direction as per the manufacturer's data 1/1/2008



**TOWN PLANNING**



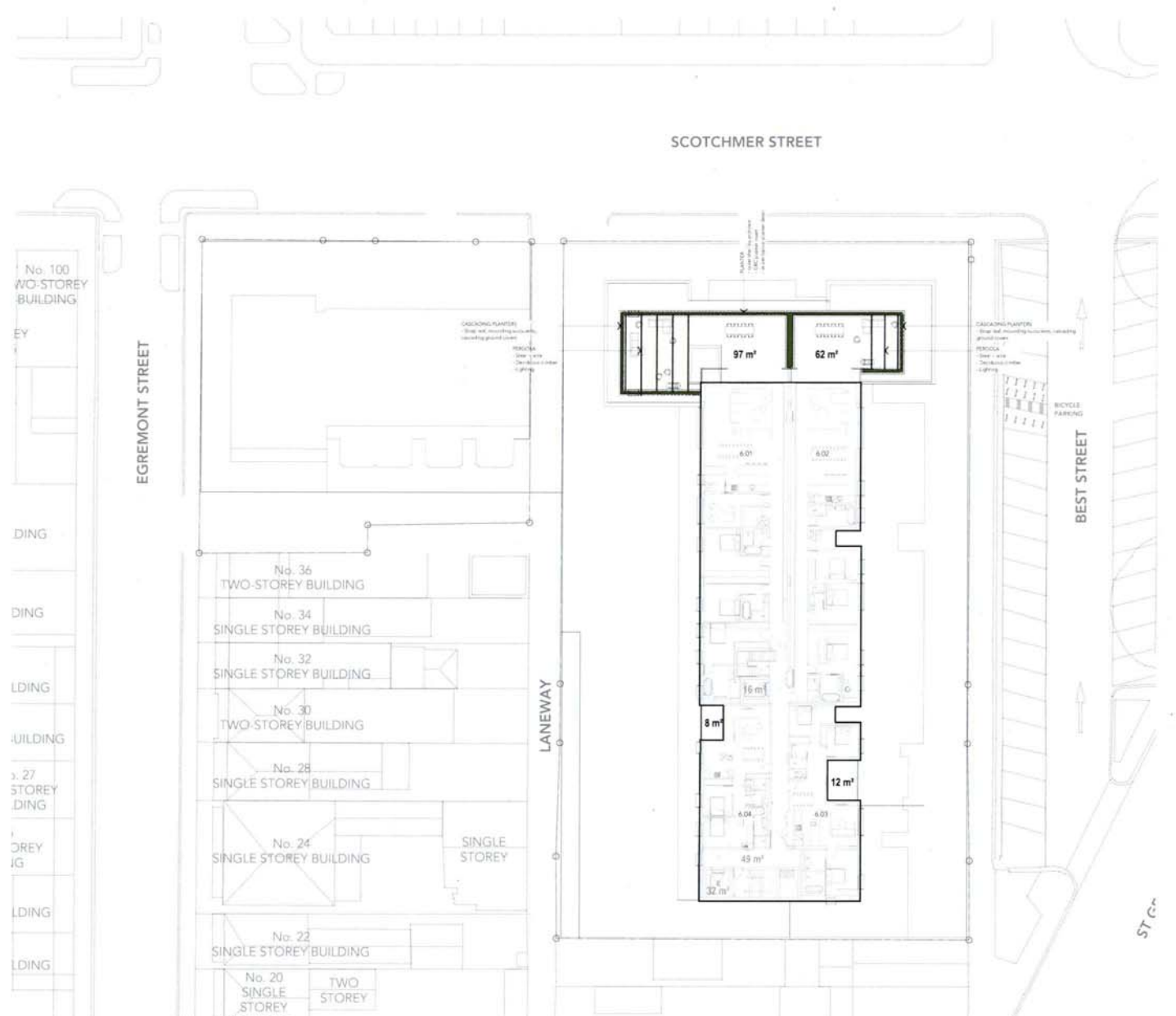
Eckersley  
Urban Architecture

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Additional information:  
All measurements must be verified on site before construction.  
All works requiring engineering specifications must be independently designed by structural engineers.  
Levels and slope numbers to be verified on site.

Client	RESIDENTS	Date	18 DEC 18
Project	27-46A Best Street Fitzroy North	Scale	1:200 (A1) 1:400 (A2)
Drawing Title	FIFTH FLOOR PLAN	Rev	
Drawing No.	PE-1118-01-06	Drawn	SL/JJC





**NOTES**

THIS DRAWING IS CONCEPTUAL ONLY AND IS NOT TO BE USED FOR CONSTRUCTION

**LEGEND**



**SATURATED BULK DENSITY TABLE**

**LIGHTWEIGHT ROOF GARDEN GUIDELINES**

Frogpond Australia's lightweight roof garden system works to the following depth and saturated weight guidelines.

The soil mix is 50% washed sand, 40% hydrophilic fibre and 10% compressed organic matter by volume. Saturated soil density is 1.03 kg/cm<sup>3</sup>

Soil Mix	DEPTH	WASHED SAND	FIBRE	ORGANIC	WASHED SAND	FIBRE	ORGANIC	DEPTH	WASHED SAND	FIBRE	ORGANIC
Layer 1	150mm depth	200mm depth	100mm depth	50mm depth	150mm depth	100mm depth	50mm depth	150mm depth	150mm depth	100mm depth	50mm depth
Layer 2	100mm depth	150mm depth	75mm depth	37mm depth	100mm depth	75mm depth	37mm depth	100mm depth	100mm depth	75mm depth	37mm depth
Layer 3	75mm depth	112mm depth	56mm depth	28mm depth	75mm depth	56mm depth	28mm depth	75mm depth	75mm depth	56mm depth	28mm depth
Layer 4	50mm depth	75mm depth	37mm depth	19mm depth	50mm depth	37mm depth	19mm depth	50mm depth	50mm depth	37mm depth	19mm depth
Layer 5	25mm depth	37mm depth	19mm depth	9mm depth	25mm depth	19mm depth	9mm depth	25mm depth	25mm depth	19mm depth	9mm depth
Layer 6	12.5mm depth	18.75mm depth	9.37mm depth	4.69mm depth	12.5mm depth	9.37mm depth	4.69mm depth	12.5mm depth	12.5mm depth	9.37mm depth	4.69mm depth
Layer 7	6.25mm depth	9.37mm depth	4.69mm depth	2.34mm depth	6.25mm depth	4.69mm depth	2.34mm depth	6.25mm depth	6.25mm depth	4.69mm depth	2.34mm depth
Total Depth	500mm	750mm	375mm	187.5mm	500mm	375mm	187.5mm	500mm	500mm	375mm	187.5mm
Total Weight	27.2 kg per m <sup>2</sup>	40.5 kg per m <sup>2</sup>	20.2 kg per m <sup>2</sup>	10.1 kg per m <sup>2</sup>	27.2 kg per m <sup>2</sup>	20.2 kg per m <sup>2</sup>	10.1 kg per m <sup>2</sup>	27.2 kg per m <sup>2</sup>	27.2 kg per m <sup>2</sup>	20.2 kg per m <sup>2</sup>	10.1 kg per m <sup>2</sup>

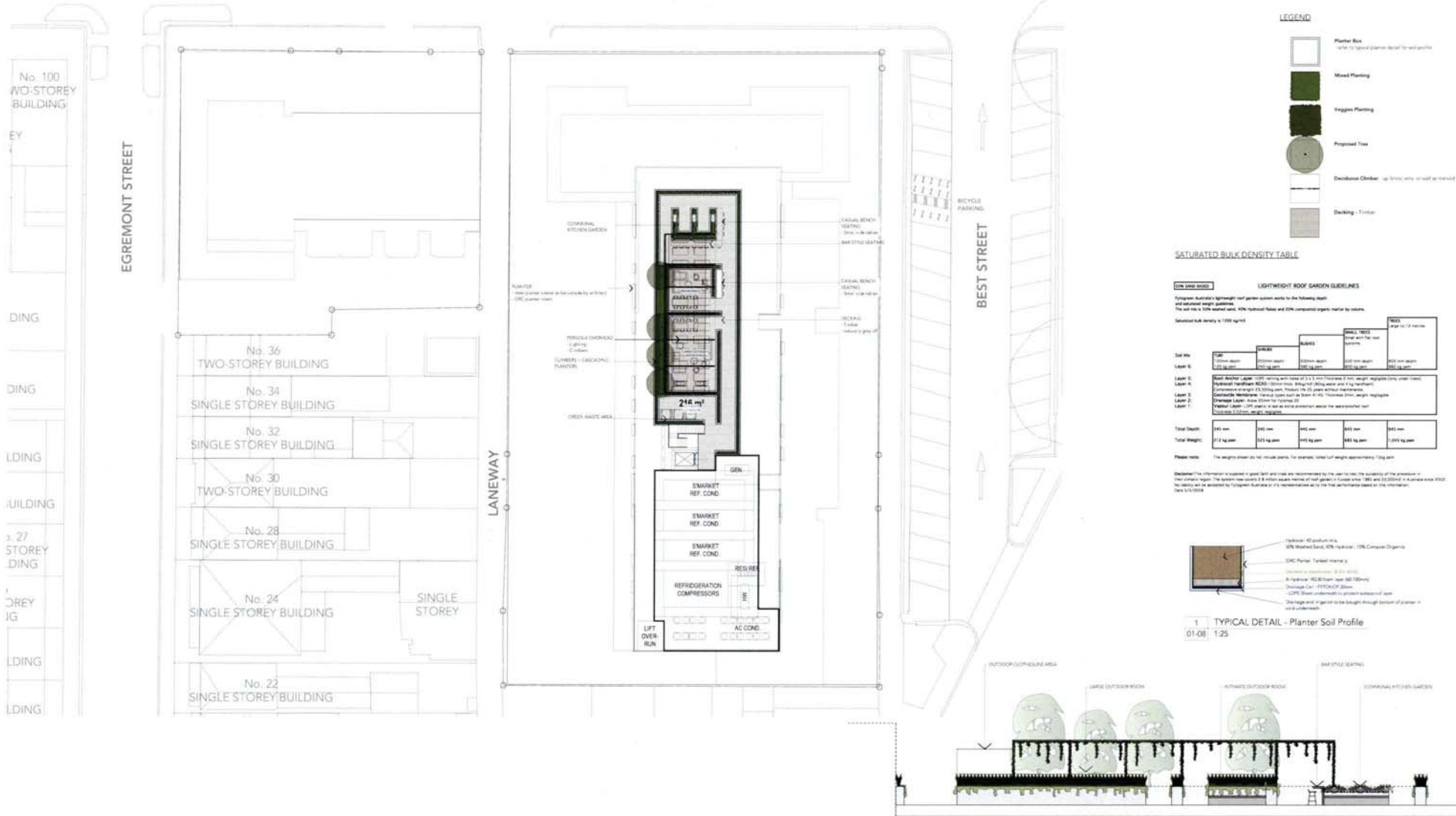
Please note: The weights shown do not include plants. For example, listed turf weights approximately 15kg per m<sup>2</sup>. The system uses quality 2.8 mm mesh square mesh of 100 gauge x 100mm x 100mm or 100mm x 200mm or 200mm x 200mm for safety and to prevent frogpond drainage in the event of a leak. The performance based on this information. See 1/3/2018



1 TYPICAL DETAIL - Planter Soil Profile  
01-07 1:25

**TOWN PLANNING**

SCOTCHMER STREET



NOTES

THIS DRAWING IS CONCEPTUAL ONLY AND IS NOT TO BE USED FOR CONSTRUCTION

LEGEND



SATURATED BULK DENSITY TABLE

**Lightweight Roof Garden Guidelines**

Lightweight Australia's lightweight roof garden system works to the following depth and saturated weight guidelines. The soil mix is 50% washed sand, 40% topsoil fines and 10% composted organic matter by volume. Saturated bulk density is 1700 kg/m³.

Soil Mix	100mm depth	150mm depth	200mm depth	250mm depth	300mm depth
Layer 1	100kg/m²	150kg/m²	200kg/m²	250kg/m²	300kg/m²
Layer 2	100kg/m²	150kg/m²	200kg/m²	250kg/m²	300kg/m²
Layer 3	100kg/m²	150kg/m²	200kg/m²	250kg/m²	300kg/m²
Layer 4	100kg/m²	150kg/m²	200kg/m²	250kg/m²	300kg/m²
Layer 5	100kg/m²	150kg/m²	200kg/m²	250kg/m²	300kg/m²
Layer 6	100kg/m²	150kg/m²	200kg/m²	250kg/m²	300kg/m²
Layer 7	100kg/m²	150kg/m²	200kg/m²	250kg/m²	300kg/m²
Total Depth	700mm	1050mm	1400mm	1750mm	2100mm
Total Weight	70kg/m²	105kg/m²	140kg/m²	175kg/m²	210kg/m²

Please note: The weights shown are for individual plants. For example, 100kg of soil weighs approximately 170kg when saturated.



2 ELEVATION - Pergola & Planter  
01-08 1:100

TOWN PLANNING

**Eckersley** Green Architecture

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info@egarden.com.au www.egarden.com.au

Additional Information  
All measurements must be verified on site before commencing any construction.  
All works requiring engineering qualifications must be independently designed by a qualified engineer.  
Levels and other numbers to be verified on site.

Client: **REDMONITES** Date: **18 DEC 18**  
Project: **27-48A Best Street Fitzroy North** Scale: **1:200 (A1)**  
Drawing Title: **ROOF PLAN** Rev: **1:400 (A2)**  
Drawing No.: **PE-1118-01-08** Drawn: **SL/JJC**