Attachment 1: 25 Shaftsbury Drive, Mulgrave

# 25 SHAFTSBURY DRIVE, MULGRAVE VIC 3170



DRAWING NO.	REVISION	DRAWING TITLE
TP1	Α	COVER SHEET
TP2	Α	NEIGHBOURHOOD CHARACTER
TP3	Α	NEIGHBOURHOOD & DESIGN RESPONSE
TP4	Α	SITE SURVEY & EXISTING CONDITION
TP5	Α	GROUND FLOOR PLAN
TP6	Α	FIRST FLOOR PLAN
TP7	Α	ELEVATIONS
TP8	Α	SHADOW DIAGRAMS

**COVER SHEET** 





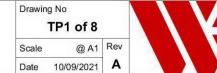


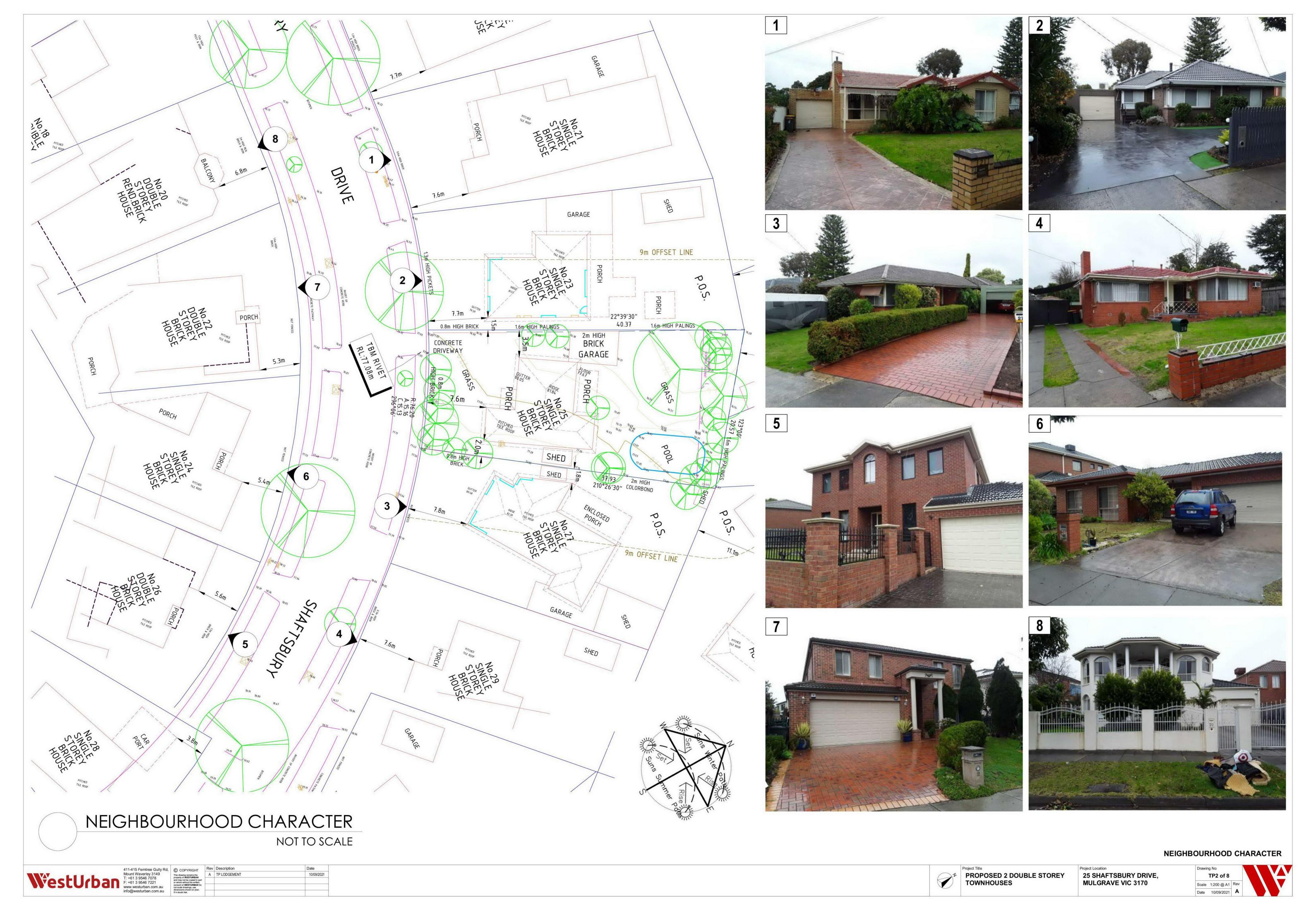


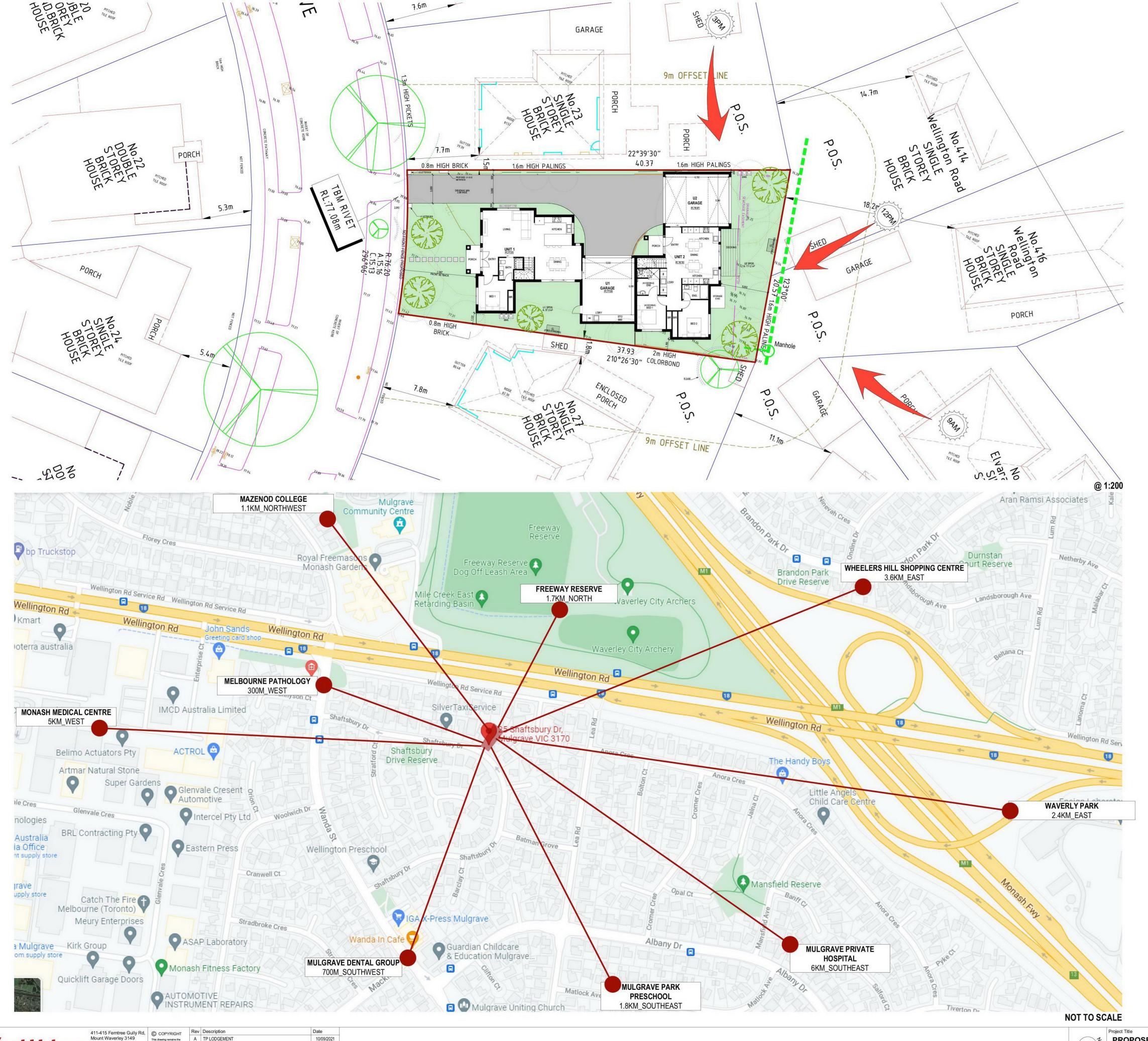












**DESIGN RESPONSE** 

RESIDENTS.

1.OPEN SPACE AREAS PROVIDE A USABLE AND PRACTICAL INTEGRATION WITH THE LAYOUT OF THE DEVELOPMENT.

2. THE DEVELOPMENT PROVIDES ADEQUATE PRIVATE OPEN SPACE FOR THE RECREATION AND SERVICE NEEDS OF

3.THE PROPOSAL PROVIDES FOR CONVENIENT, SAFE & EFFICIENT VEHICLE MOVEMENT.

4. HIGH FENCING AND SCREENING AROUND BOUNDARY PERIMETRE LIMITS VIEWS INTO SECLUDED PRIVATE OPEN SPACE AND HABITABLE ROOM WINDOWS.

5. PROPOSAL PROVIDES LARGE AREAS OF GRASS AND LANDSCAPING TO REDUCE THE BURDEN ON EXISTING UTILITY SERVICES AND INFRASTRUCTURE.

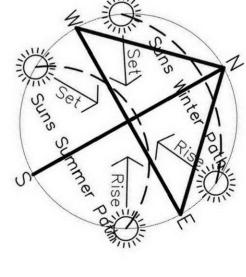
6. HEIGHT OF THE DWELLINGS RESPECTS THE EXISITNG NEIGHBOURHOOD CHARACTER.

7. SITE COVERAGE RESPECTS THE CHARACTER AND RESPONDS TO THE FEATURES OF THE SITE.

8. THE DEVELOPMENT ACHIEVES A SIX STAR ENERGY RATING.

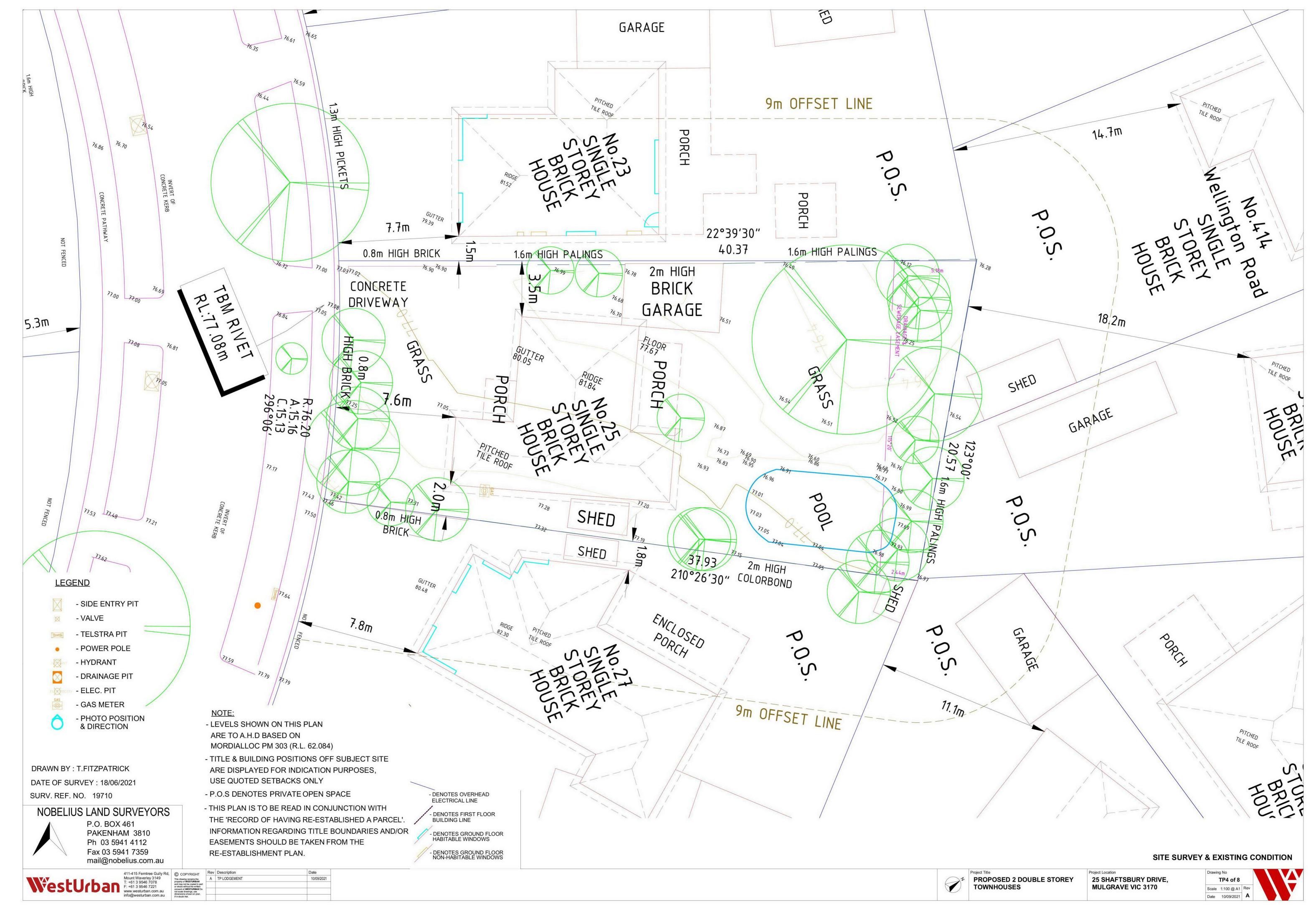
9. THE SETBACK OF THE PROPOSAL ENSURES THAT THE DEVELOPMENT RESPECTS THE NEIGHBOURHOOD CHARACTER.

10. LANDSCAPING WILL ENCOURAGE THE DEVELOPMENT OF PLANTS.



**NEIGHBOURHOOD & DESIGN RESPONSE** 

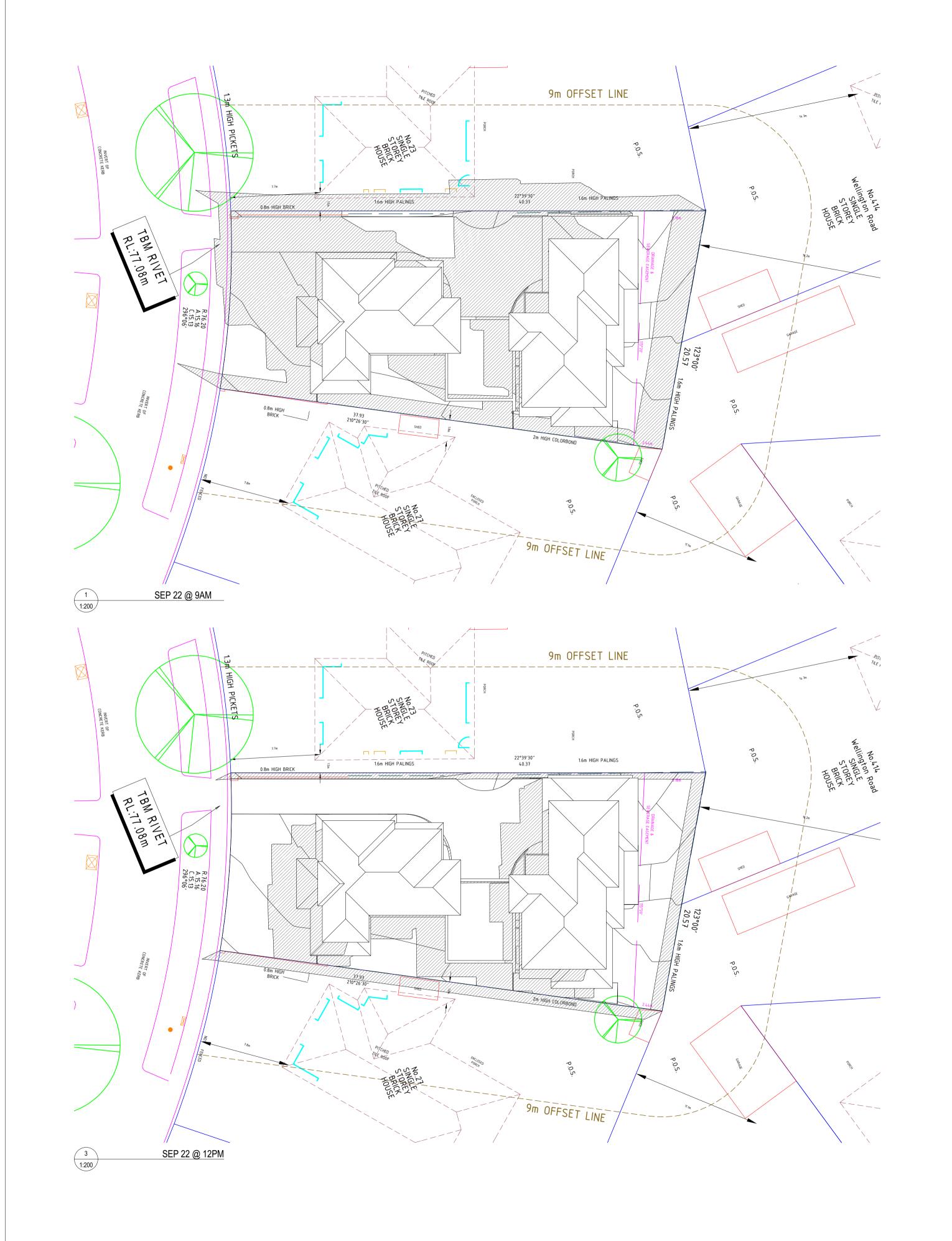


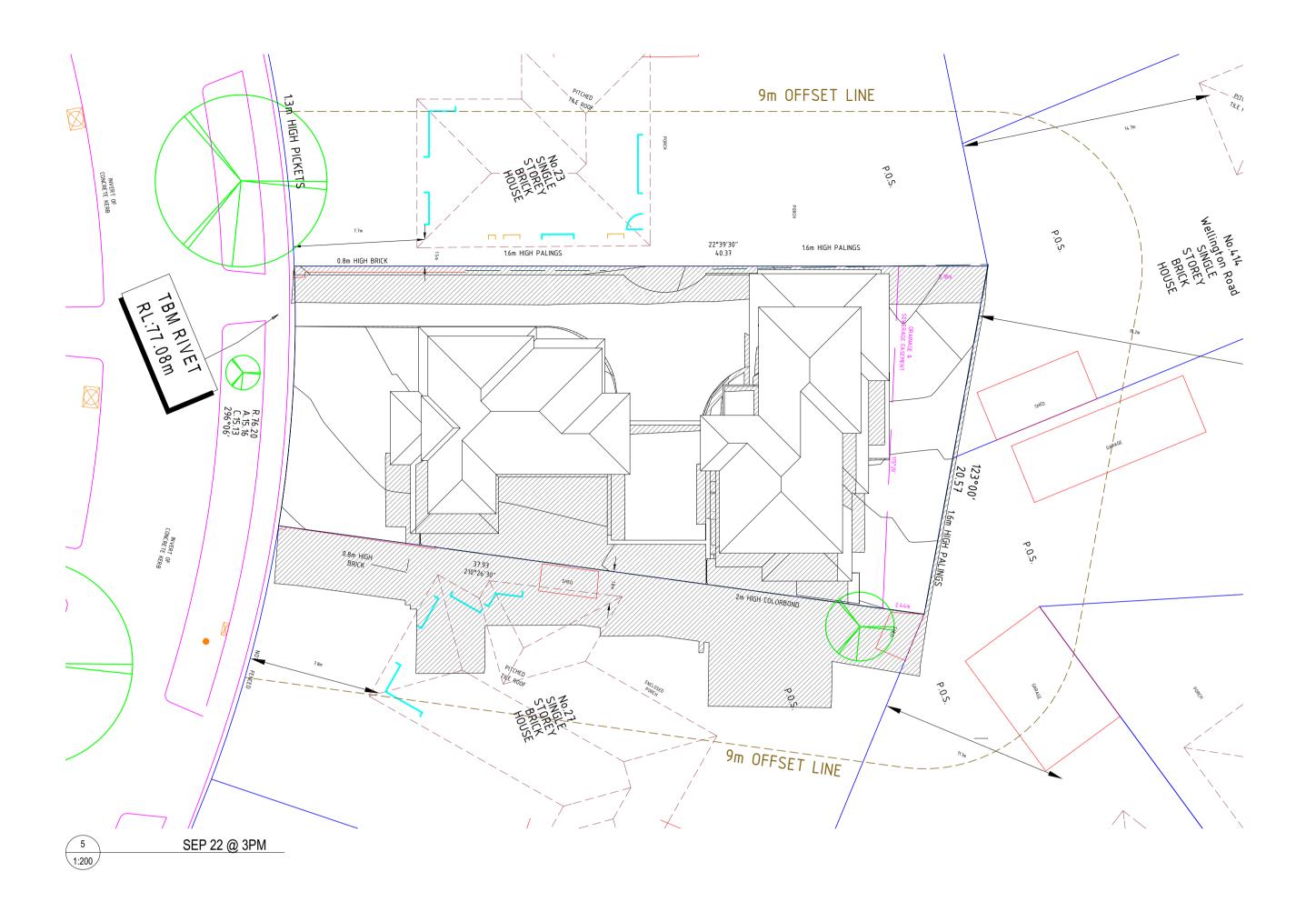












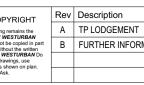
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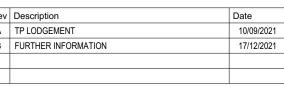
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SHADOW DIAGRAMS















## **Specifications**

#### Subgrade preparation

Site preparation to be carried out in accordance with best horticultural practice and under suitable conditions. Disturbance to indigenous soil structure is to be minimised. The use of machinery that may damage soil structure or profile is not acceptable. Sub-grade to all lawn and planted areas is to be cultivated to a minimum depth of 150mm and shaped to achieve drainage falls prior to topsoiling. Subgrade to be tested prior to preparation and conditioning to determine ph, salinity and gypsum requirement. Any gypsum required is to to be distributed at the manufacturers recommended rate and cultivated into the sub-grade at a minimum depth of 150mm. Proposed topping areas to be graded / drained to prevent water discharge into neighbouring

#### Weed control

Remove and dispose of environmental weeds off site prior to subgrade preparation, topsoiling and planting works.

## Soil Preparation

Topsoil is to be spread in maximum 150mm layers, lightly compacted by use of a 150 - 200kg roller, or by thoroughly walking until it accords with finished kerb levels or to within 75mm below edging levels to accommodate mulch. Imported topsoil for garden beds is to be medium texture general purpose garden soil and lightly compacted to minimum 300mm depth to garden beds. Soil is to comply with s.a.a. 2223-1978, and as follows:

- free from perennial weeds and their roots, bulbs and rhizomes free from building rubble and any other matter deleterious to
- ph to be 6.o 7.o
- texture to be light to medium friable loam free from silt material

Imported topsoil for lawn rejuvenation / establishment shall have the above characteristics, but shall be a free draining sandy loam lightly compacted to minimum 100mm depth

The specified mulch for garden beds is to be an aged organic material with 60 - 80 percent of its volume being wood chips particles in a size range of 25 - 50 mm maximum. Mulch is to be spread at a consolidated

#### **Planting Procedure**

If soil to planting hole is dry - fill with water and allow to drain completely. Tree roots are to be teased outwards if matted or circling occurs prior to backfilling. Place tree in centre of hole on firm soil to prevent sinking, ensuring top of the rootball is flush with the surrounding soil surface and the trunk is vertical. Backfill material is to be in a loose, friable state, with no bricks, rocks or foreign material - if sufficient material is not available form the original hole to backfill, a similar soil type must be sourced and used. Soil material must be firmly backfilled in layers to prevent large air pockets from occurring, then thoroughly watered in. Trees to be staked with two 2250mm x 70mm hardwood stakes driven firmly into the ground - stakes must not be placed through the rootball area. Trees are to be secured to each stake with a strong, soft and flexible material, tight enough to support the tree in windy conditions - yet loose enough to stimulate development of a good supportive root system. Tree tie material must not injure tree bark or restrict trunk growth for a minimum period of three years. Slow release fertiliser (3/6 month formulation) such as 'Osmocote' is to be applied to the top of the rootball area away from the trunk / stem to manufacturers specifications and watered in immediately. All trees to be mulched to a diameter of 1200mm wide and to a depth of 100mm but must not be in contact with the tree trunk. Mulch is to be an aged organic material with 60 - 80 percent of its volume being wood chip particles in a size range of 25 - 50mm maximum. Mulch is to be spread at a consolidated depth of 75mm. The planting hole surface is to be the mulch material neatly. The site must be left in a clean and safe

## Plant Establishment Period

The landscape is to be maintained by applying best horticultural practice to promote healthy plant performance for a 13 week establishment period following the approval of Practical Completion by the responsible authority including (but not limited to) the following tasks - Pruning as necessary to maintain plants in a healthy and structurally sound manner, pest and diseases - vegetation to be pest and disease free, mulching, staking and tying - 75mm mulch depth to be maintained around tree bases throughout maintenance period, watering - as often as necessary to ensure healthy and vigorous growth in accordance with current local watering regulations, weeding maintained in a weed free state over the entire mulch area by spraying or mechanical mean, fertilising - 3/6 x monthly slow release fertiliser in replacement of deceased, stolen or vandalised plants beyond repair or regrowth with the same species as specified in the plant schedule within the assigned maintenance period.

## Irrigation

An in-ground automatic or manual drip (or spray where practical) irrigation system to be installed to all garden areas (and planter boxes if applicable) to be operated in accordance with current local watering

## Timber Edging

Timber edging to be 75mm x 25mm treated pine secured to 300mm long treated pine stakes at nom. min 1000mm spacings with galvanised screws and installed to all junctions between garden beds, lawn and topping / pebble areas.

#### Drainage Landscape and / or building contractor(s) are responsible for civil and hydraulic computations for landscape building works including, but not

to commencement of works General It is the responsibility of the consulting engineer to specify building construction methods (for all existing and proposed built constructions on and off site) that are able to withstand disturbance from proposed trees and planting - whether directly from the tree/plant, or as a result

of changes to the soil profile (i.e. soil movement as a result of changes in moisture levels). It is recommended that root control barriers be installed for any proposed trees located within 5metres of any

limited to surface and sub surface drainage for all landscape areas prior

## proposed or existing (including neighbouring) building lines, retaining walls, rain gardens and any built constructions. Plants - Quality of Trees and Shrubs

Trees and shrubs shall be healthy nursery stock free from insects, diseases and weeds. The specified plant heights, and pot sizes are minimums. if plant material is unavailable in these sizes, larger stock must be used. Plant substitution is not acceptable unless confirmed by the responsible authority in writing. The contractor is to supply and install semi mature trees which meet the following criteria: Have a minimum planted height to sizes as indicated in the plant schedule, have a minimum trunk calliper of 50mm at ground level, be undamaged and free of diseases and insect pests, not be root bound or have circling or girdling roots but have roots grown to the edge of - the container should bear a single straight trunk, strong branching pattern, and full

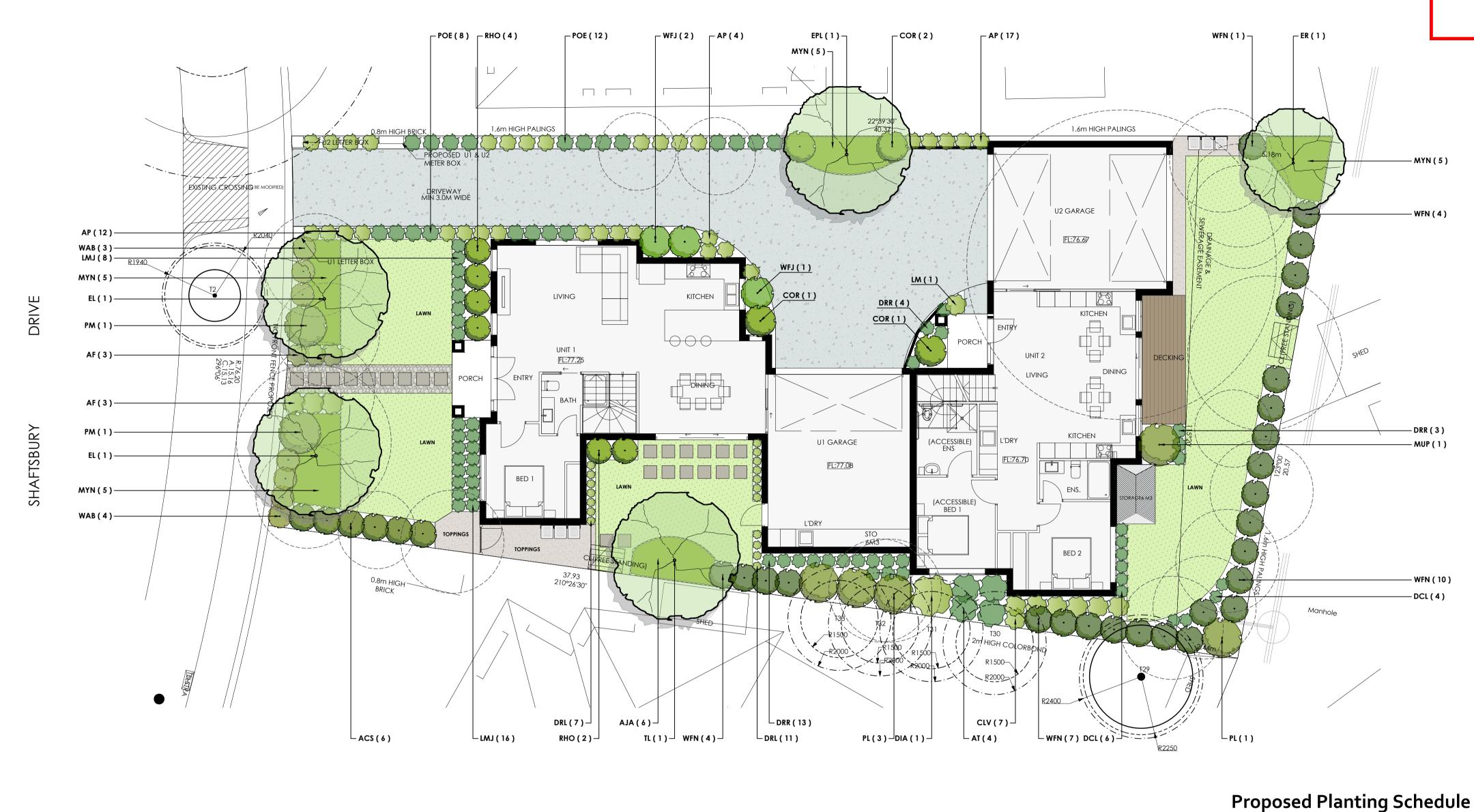
#### canopy, show healthy, vigorous growth. Protection of Existing Trees

All existing vegetation shown on the endorsed plan (subject site and neighbouring properties ) to be retained must be suitably marked before any development (including demolition) commences on the land and that vegetation must not be removed, destroyed or lopped without the written consent of the responsible authority. Before the commencement of works (including demolition) start, tree protection barriers must be erected around trees ( subject site and neighbouring properties) to form a defined tree protection zone during demolition and construction in accordance with tree protection measures as per AS 4970-2009 ( Tree protection in development sites ) and to the satisfaction of the responsible authority.

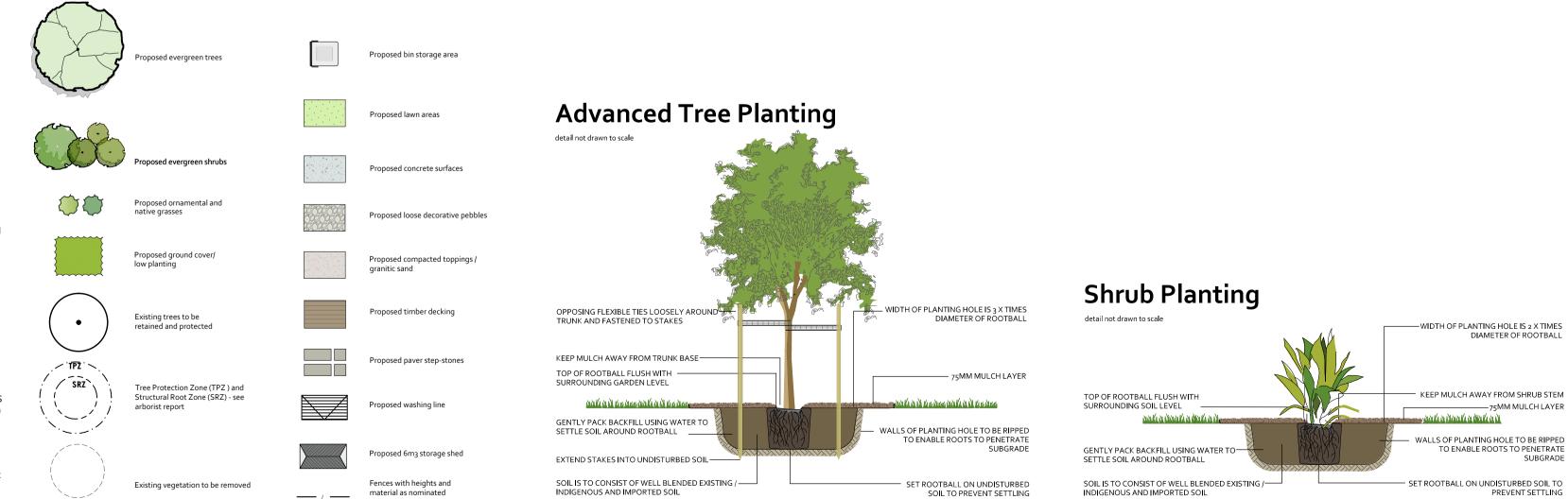
Any pruning that is required must be carried out by a trained and competent arborist with a thorough knowledge of tree physiology and pruning methods to carry out pruning to the Australian standard - AS 4373-2007 ( *Pruning of amenity trees* ). All tree protection practices must be adhered to in accordance with the arboricultural report and to the satisfaction of the responsible authority.



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# Legend



## **Surface Finishes Detail**

## Garden Beds 75mm ORGANIC PINE BARK MULCH 400mm APPROVED MEDIUM LOAM SOIL MIN 150mm DEEP ROTARY HOED SUBGRADE

#### **Topping / Pebble Areas** 40MM COMPACTED TOPPINGS / GRANITIC SAND / 30 TO 40MM RIVER PEBBLE

	SUBGRADE
Lawn areas	
manal Amanaman Kall Amana	STRATHAYR 'SIR WALTER SOFT LEAF BUFFALO' OR SIMILAR INSTANT LAWN 100MM APPROVED SANDY LOAM SOIL

75MM COMPACTED FCR BASE

MIN 150mm DEEP ROTARY HOED SUBGRADE

Code

TREES

**Botanical Name** 

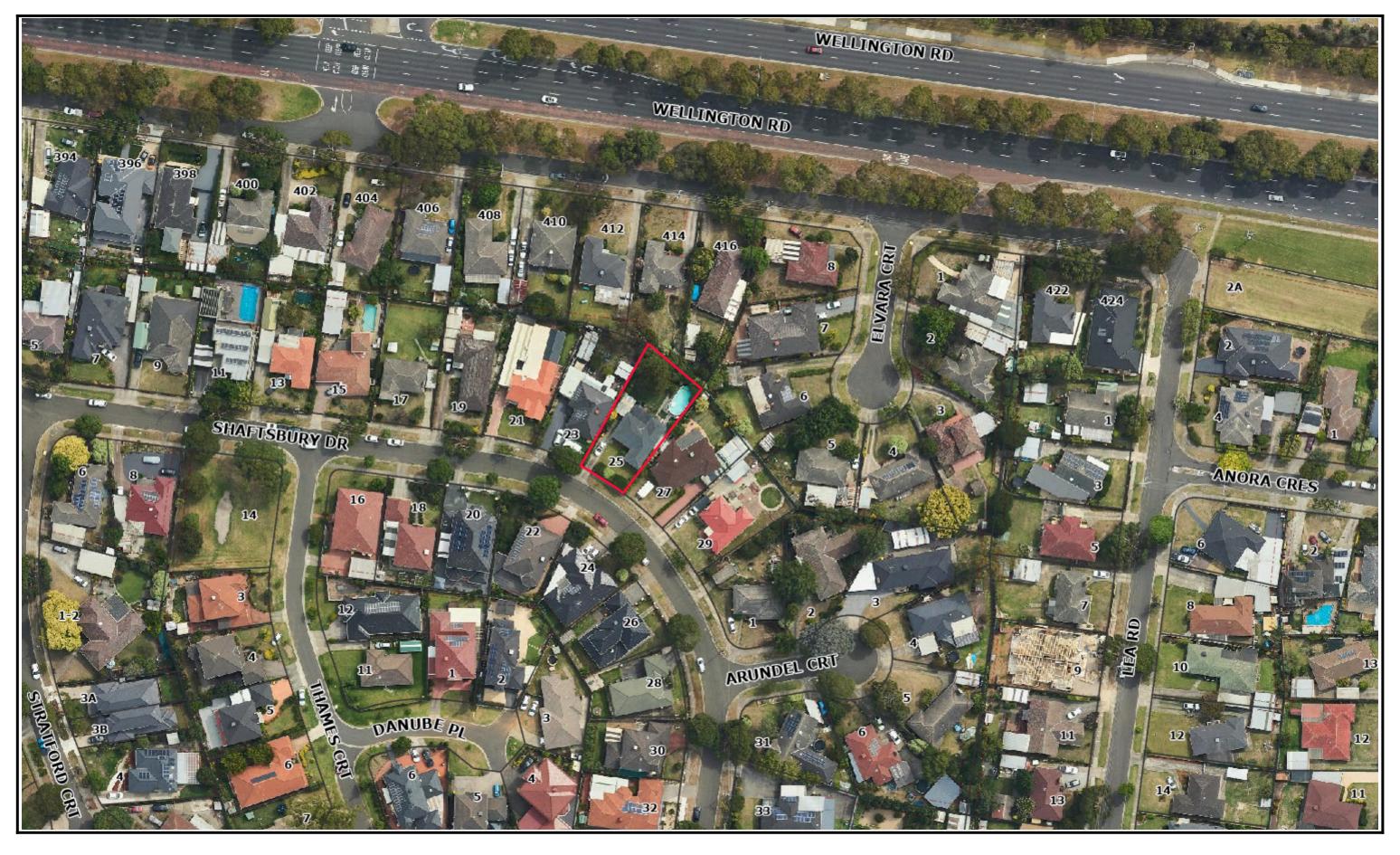
ER	Elaeocarpus reticulatus	Blueberry Ash	4oltr/min 1.6m high	10	х	4	1
EL	Eucalyptus leucoxylon 'Euky Dwarf'	Dwarf Yellow Gum	40ltr/min 1.6m high	6	X	5	2
EPL	Eucalyptus pauciflora 'Little Snowman'	Dwarf Snow Gum	40ltr/min 1.6m high	7	Х	4	1
TL	Tristaniopsis laurina	Kanooka	40ltr/min 1.6m high	7	X	5	1
					Т	OTAL	5
LARGE SH	HRUBS				_		
ACS	Acmena smithii 'Cherry Surprise'	Lilly Pilly	20cm pot	3	Х	1.5	6
PM	Philotheca myoporoides	Waxflower	20cm pot	2	X	2	2
PL	Prunus lusitanica	Portuguese Laurel	20cm pot	5	X	3	5
MEDIUM:	SHRUBS						
COR	Correa alba	Coastal Correa	14cm pot	1.5	х	1.5	4
MUP	Murraya paniculata	Orange Jessamine	20cm pot	1.5	Х	1.5	1
RHO	Rhapiolepis indica 'Oriental Pearl'	Indian Hawthorn	14cm pot	.90	Х	1	6
WFJ	Westringia fruticosa 'Jervis Gem'	Compact Coastal Rosemary	14cm pot	1	X	1	3
WFN	Westringia fruticosa 'Naringa'	Coastal Rosemary	14cm pot	2.2	Х	1.2	26
GROUND	COVERS & LOW SHRUBS				_		
AJA	Ajuga australis	Austral bugle	14cm pot	.30	Х	.70	6
MYN	Myoporum parvifolium 'Yareena'	Creeping Boobialla	14cm pot	.10	Х	1	20
WAB	Westringia fruticosa 'Aussie Box'	Compact Coastal Rosemary	14cm pot	.90	X	.90	7
TUSSOC	(S / GRASSES / EVERGREEN PERENNIALS				_		
AT	Arthropodium cirrhatum 'Matapouri Bay'	Ranga Renga Lily	14cm pot	1.2	X	1	4
AF	Anigozanthos flavidus	Tall Kangaroo Paw	14cm pot	1.5	Х	.80	6
AP	Anigozanthos pulcherrimus 'Bush Noon'	Bush Noon Kangaroo Paw	14cm pot	.80	Х	.60	33
CLV	Clivea miniata	Clivea	14cm pot	.80	Х	.80	7
DCL	Dianella caerula 'Little Jess'	Little Jess Flax Lily	14cm pot	.45	X	.45	10
DRL	Dianella revoluta 'Little Rev'	Little Rev Flax Lily	14cm pot	.30	Х	.30	18
DRR	Dianella revoluta 'Revelation'	Revelation Flax Lily	14cm pot	.50	Х	.50	20
LM	Liriope muscari	Liriope	14cm pot	.75	Х	.75	1
LMJ	Liriope muscari 'Just Right'	Liriope	14cm pot	.50	Х	.50	24
DOF	Poa labillardierei 'Eskdale'	Eskdale Tussock Grass	14cm pot	.70	х	.50	16
POE	r oa taomaraierer Estadie	Eskadic 10350ck Grass	140111 pot	-, -		.,,	
FERNS	Touristantial Establic	Eskadic 10550ck drass	140111111111111111111111111111111111111			.5-	





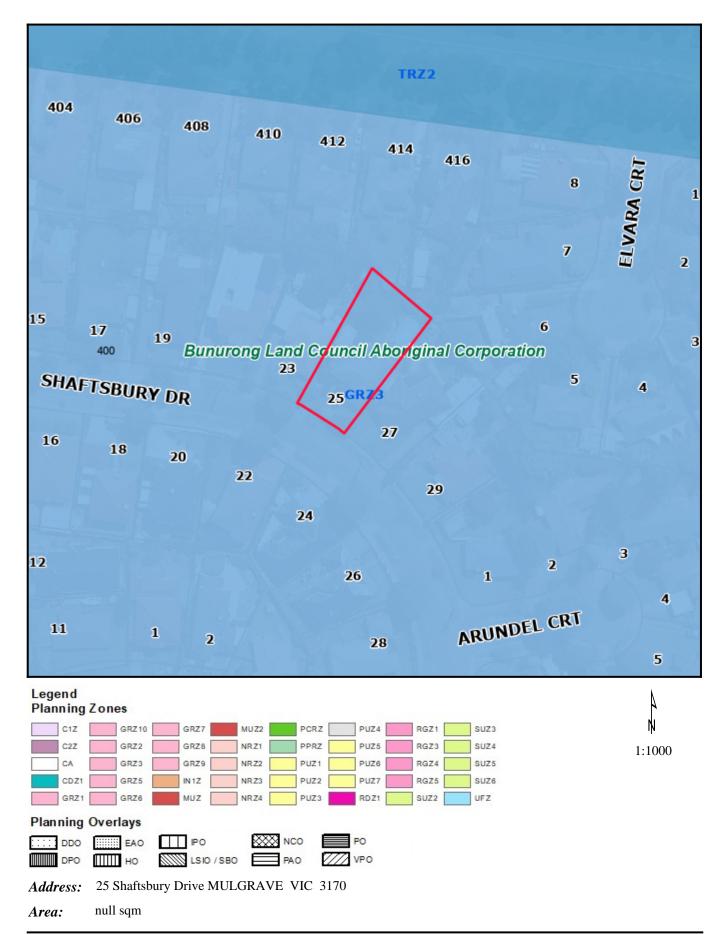
Supply Size Mature HxW(m) Qty

Attachment 2: 25 Shaftsbury Drive, Mulgrave





## Planning Overlays and Zones



Base data is supplied under Licence from Land Victoria. This map is for general use only and may not be used as proof of ownership, dimensions or any other status. The information must be verified before taking any action which may be affected by a planning scheme requirement. This can be done by visiting the website: http://services.land.vic.gov.au/landchannel/content/

