# **VITAL COMMUNITY - 375 SWANSEA ROAD LILYDALE VIC 3140**

DRAWING LIST				
DWG#	DRAWING NAME	REV		
D-000	COVER SHEET	N		
D-000A	COVER SHEET	N		
D-001	CONTEXT PLAN	N		
D-002	SITE PLAN - LEASE AREA	N		
D-002A	SITE PLAN - HOUSE SITING	N		
D-003	SITE SECTIONS	N		
D-004	INTERNAL STREETSCAPES	N		
D-005	AKARANA RD INTERFACE	N		
D-006	SWANSEA ROAD FENCE DETAILS	N		
D-007	SWANSEA ROAD FENCE DETAILS	N		
D-008	SWANSEA ROAD FENCE DETAILS	N		
D-009	SWANSEA ROAD FENCE DETAILS	N		
D-010	CLUB HOUSE	N		
D-011	HOUSE DESIGN - SOLARIS 146	N		
D-012	HOUSE DESIGN - SOLARIS 155	N		
D-013	HOUSE DESIGN - IRONBARK	N		
D-014	HOUSE DESIGN - CARLISLE	N		
D-015	HOUSE DESIGN - SHAMROCK	N		
D-016	EXTERNAL FINISHES	N		

#### REFER ALSO TO:

- SERVICING REPORT
- ARBORICULTURAL ASSESSMENT
- BIODIVERSITY ASSESSMENT
- STORMWATER MANAGEMENT PLAN
- LANDSCAPE CONCEPT PLAN
- TRAFFIC IMPACT ASSESSMENT
- WASTE MANAGEMENT PLAN



# ADVERTISED

#### SWANSEA ROAD FRONTAGE

Enhancing the urban form along Swansea Road has been a key driver of the design approach. Preserving vistas to Olinda Creek and providing new trees to the existing degraded landscape on the site has been achieved in this masterplan for the community. The design balances acoustics, safety, security, privacy, community, urban form, vistas to Olinda Creek and regenerative landscape planting.

### **GUIDING PRINCIPLES**

The design outcome is based on providing Affordable Housing for the over 55 year old cohort via a Land Lease Residential Village. The village will provide Liveable & Adaptable housing, Privacy & Community interaction balance, Dwelling Diversity & Choice and Integration of the built form with nature.

#### AFFORDABLE EFFICIENT HOUSING

The development brief is to provide a community of 50 dwellings with variety in size, number of bedrooms, number of garages, typology, visual form, colour and texture. The vision is a village garden environment providing the appropriate balance between individual privacy and community interaction. Energy conservation will be a core value in the design, construction and maintenance of the community. Residents choose the home design that best suits their individual needs and budgets from the VITAL homes catalogue.

### LANDSCAPE INTENT

Minimise hardstand and maximise softscape.

The land is cleared forest typical of farm land in the area. The landscape intent is to return endemic tree species to the site integrated with the urban built form creating a residential village garden environment. Internal road widths are kept to maximum 5500 wide plus a line marked 1000 wide pedestrian path. The dwelling density is low at 11 dwelling units per Hectare allowing most of the site to be landscaped Community Open Space.

#### **URBAN INTEGRATION**

Balance human shelter needs with the natural environment.

The community is designed to fit the context of the larger Lilydale community and add value to the urban rural fusion that characterizes Lilydale. Careful attention to the design of the acoustic fence along Swansea Road will include a variety of materials and a stepped form. The recesses formed will provide planters for small/medium size trees, shrubs, cascading and climbing plants to integrate with the fence materials. Verge trees at about twelve metre spacing will provide a balance of hardscape and softscape elements. Canopy trees planted immediately behind the fence will add another layer of vegetation to the streetscape. The verge on Swansea Road falls away to a wetlands area at the intersection with Akarana Road and the boundary retaining required is stepped rustic concrete sleepers forming several layers of landscape planting beds stepping up and away from the retained wetlands and surface drainage that continues west along Akarana Road. To the North there is the opportunity to provide eyes on the park and Akarana Road plus an active pedestrian interface with both. Community open spaces and private living spaces overlooking the wetlands to the west.

#### **URBAN DESIGN INTENT**

Create Livable and Adaptable communities.

Create green streets and open garden spaces integrated with the built form of the dwellings. Internal streets are shared pathways for vehicles and pedestrians with 10Kph maximum speed control providing active user friendly streets that are overlooked by private indoor and outdoor living spaces to optimise safety and security in the community. The residential village is a self-contained community that integrates with the larger urban community for all major services. The fundamental design objective is to provide affordable dwellings that provide a high quality environment for an older cohort to age in place in their own independent dwellings.



## **COMMUNITY ENGAGEMENT**

Balance household privacy and community interaction.

Built form is directed by the idea that the occupants shall determine the level and timing of how they balance their own privacy and engagement with their neighbors. The built form includes private indoor and outdoor spaces; filtered privacy between the public domain and the private domain; safe public pavements and landscaped pocket parks. Each dwelling has a small front yard and private rear yard. Communal garden spaces include raised garden beds that can be community shared gardening or allocated to individuals for gardening activity. Setbacks from front porch to shared pavements are minimal to encourage engagement and eyes on the street.

The community has a multifunctional clubhouse, swimming pool and bowling green. Outdoor exercise equipment, barbecues and picnic huts are scattered throughout the expansive Community Open Spaces.

## **DWELLING DIVERSITY**

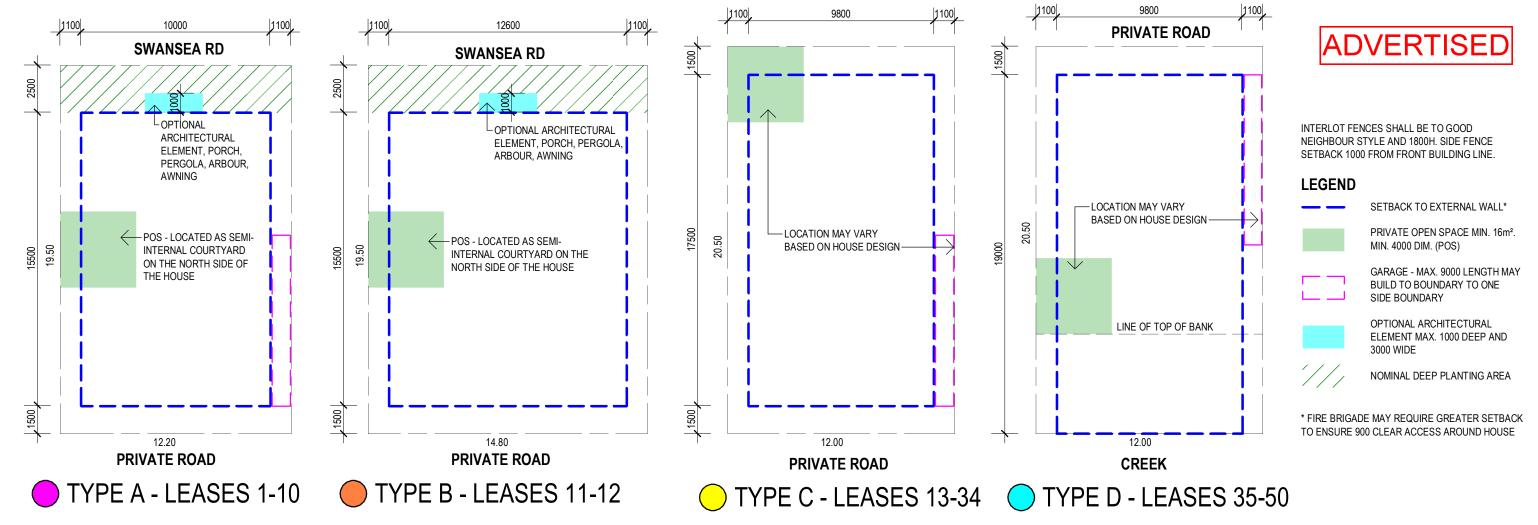
Provide choice to residents in the size and features of their home.

There is a mix of dwelling options available in the community and all dwellings are designed to enhance ageing in place. Two and three bedroom designs, single and double garage design villas provide an appropriate range of lifestyle choices. Variety in building forms, materials, textures and colours provide both individuality to each residence and a pattern of community style. Each resident selects their own preferred design from the VITAL Homes catalogue and then the exterior and interior colour schemes that they prefer.

## **ECOLOGY**

Integrate built form with nature.

All dwellings have good access to sunshine, shade, fresh air, breezes, cross flow ventilation and the changing patterns of light during the day. The best standards of energy efficient heating and cooling devices and renewable energy generation to storage are available to residents when they select their home from the VITAL design catalogue. Low maintenance materials and durable finishes are used throughout.

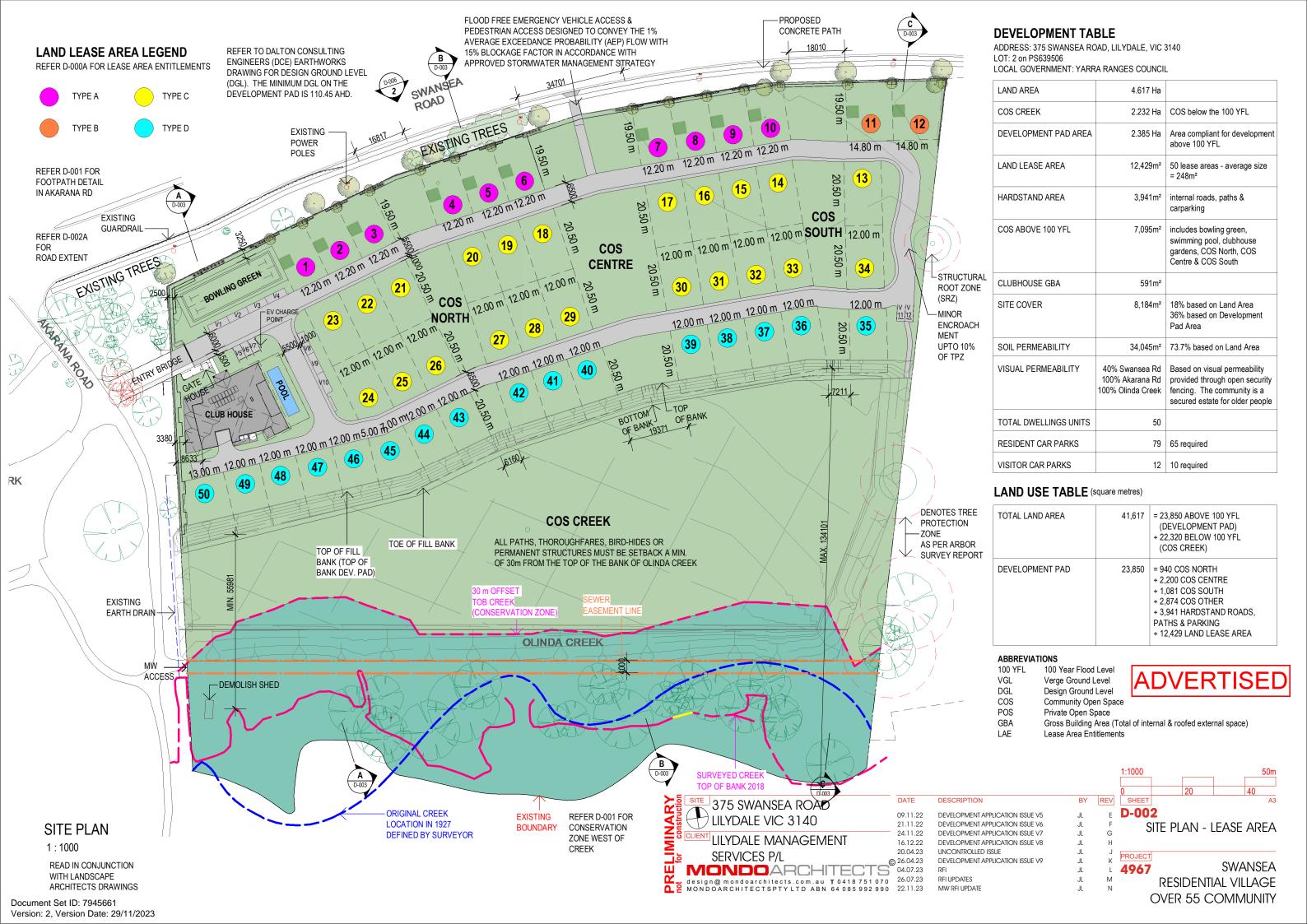


## **URBAN FORM BUILDING CONTROLS**

The VITAL community has its own standards to ensure that dwellings and land use maintain high standards of built form outcomes. Residents purchase their own home, exterior colour scheme and interior colour scheme from the VITAL catalogue and lease their selected parcel of land. The built form on the land is controlled by the Lease Area Entitlements (LAE).

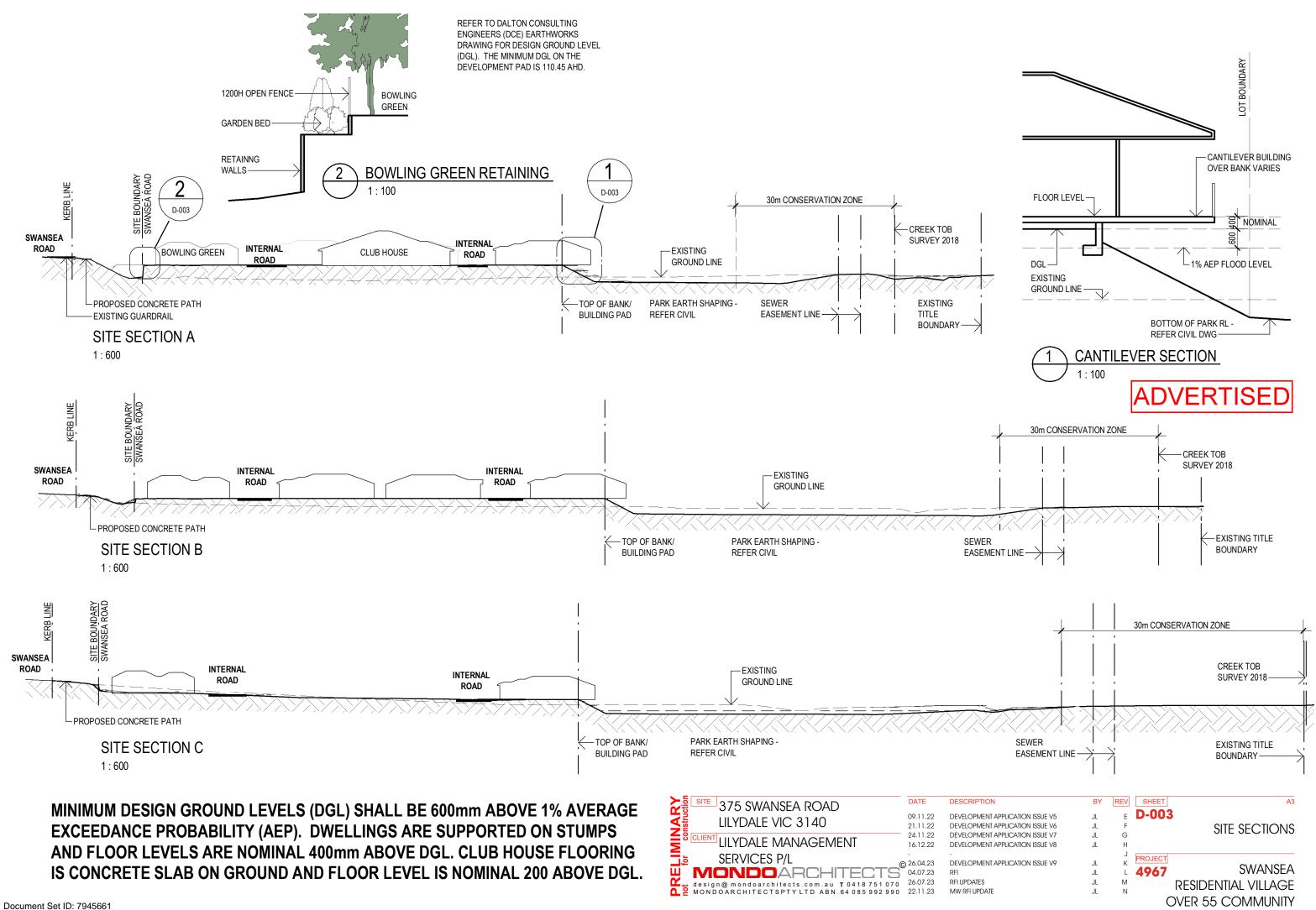








Version: 2, Version Date: 29/11/2023





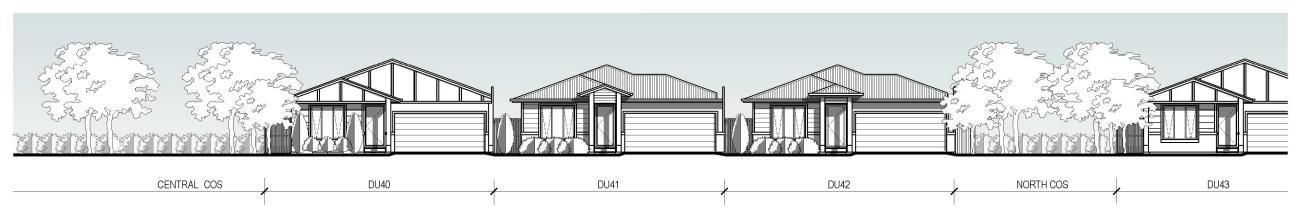
## S1 STREETSCAPE



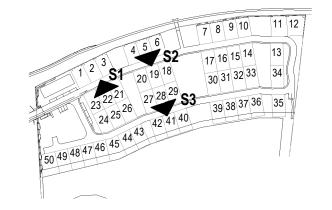
## S2 STREETSCAPE



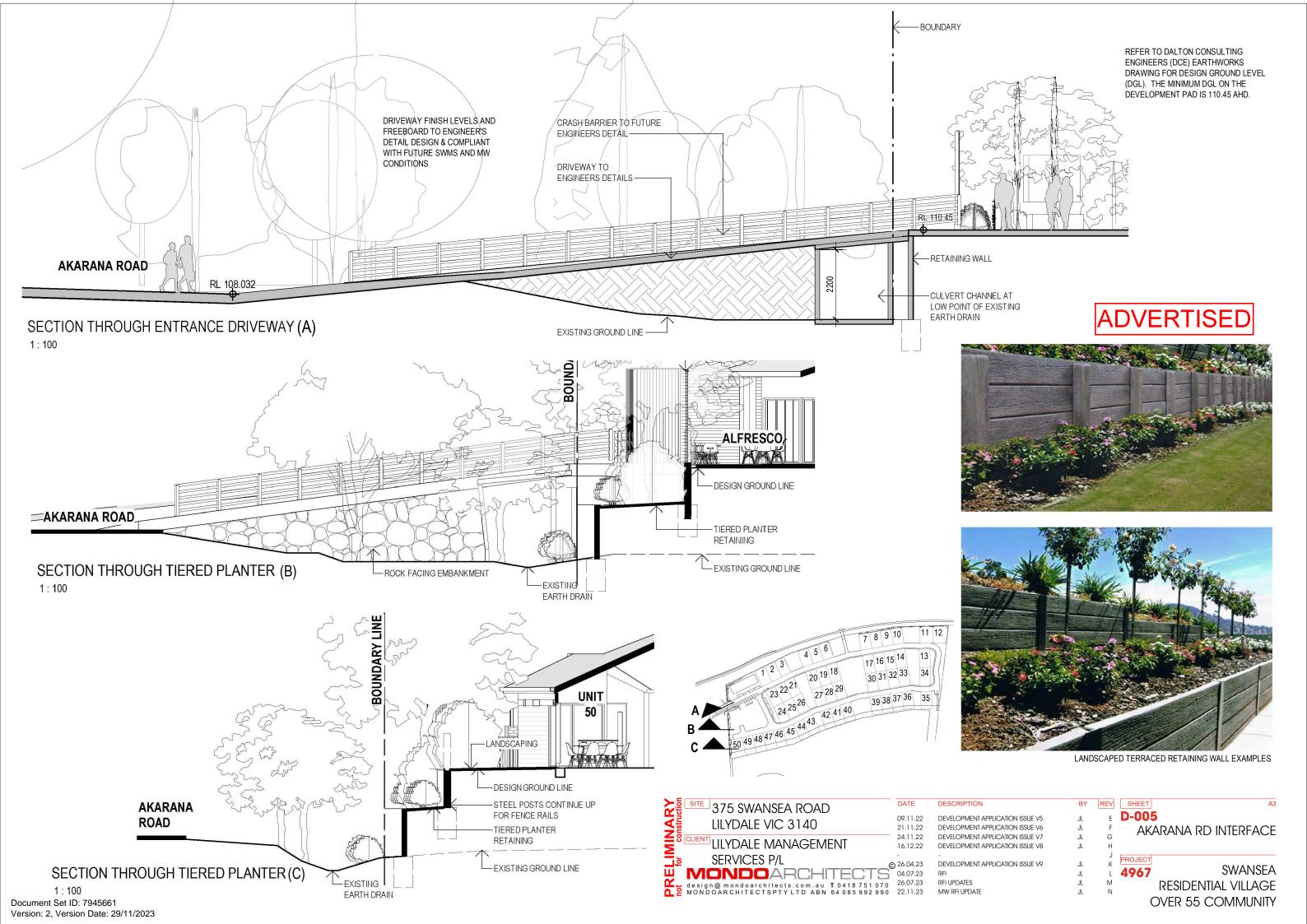
**OVER 55 COMMUNITY** 

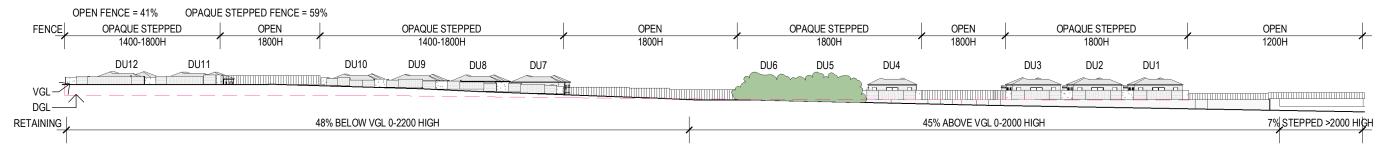


## S3 STREETSCAPE









ELEVATION STATISTICS
1:750

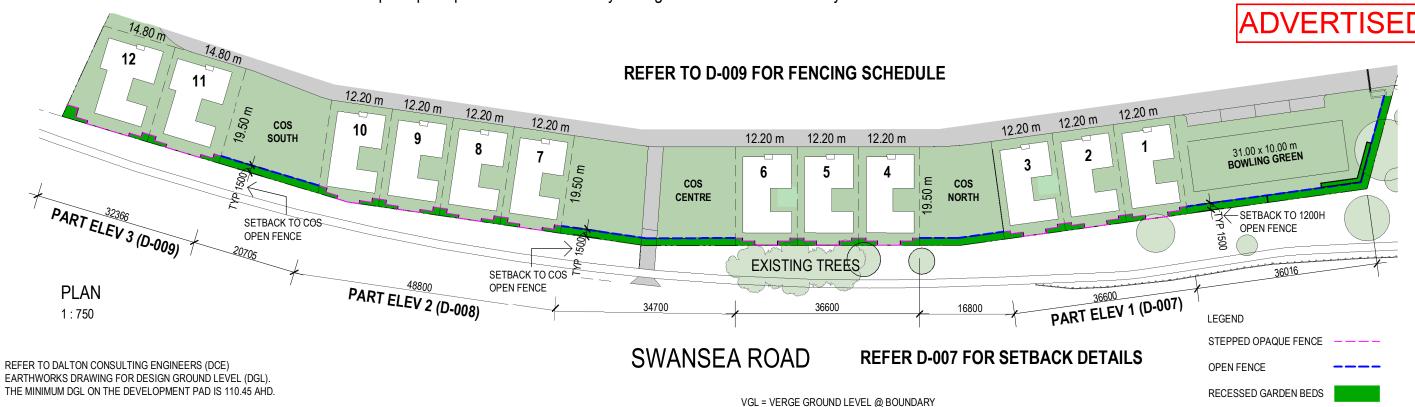
Swansea Road frontage is a composite design of retaining walls, open fencing, opaque privacy fencing and landscape planting. About half of the frontage is retaining walls that are below VGL at the boundary and thus not visible from the road. The maximum height of retaining wall visible above VGL at boundary is capped at 2 metres and where it is required to be above 2 metres the wall is stepped back providing a planted garden bed between two lower walls. There are two groups of dwellings located in the northern half of the frontage where the retaining wall is visible above the VGL at the boundary. Dwellings 4 to 6 are almost totally obscured by existing vegetation on the verge.



**ELEVATION WITH LANDSCAPE** 

1:750 (REFER 007-009 FOR DETAILS)

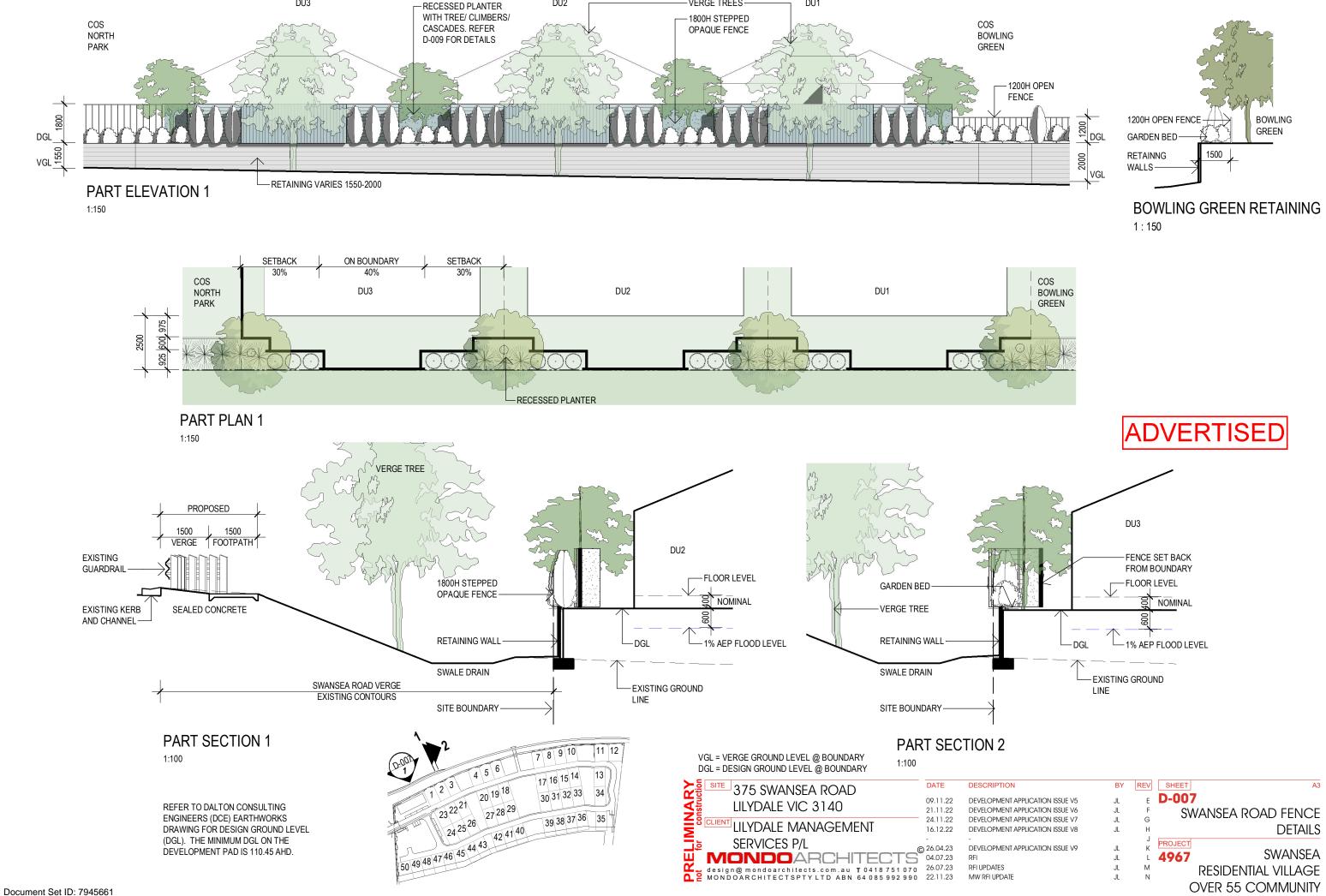
Dwellings 1 to 3 are screened for privacy and security by an 1800 mm high opaque fence. Refer to drawing D-007 for detailed design. The fence is highly articulated multiple recessed or stepped sections that provide garden beds within the property for planting of trees and shrubs to screen the fence and provide an attractive streetscape. Cascading and climbing plant species are included to soften the built form elements of retaining and fencing. Our design includes trees located in the verge at about 12 metre centres, however, the trees and shrubs located within the property provide appropriate landscape integration without the verge trees. Almost half (41%) of the frontage is see through fencing providing open vistas through the landscaped open spaces in the community through to Olinda Creek and beyond



## **SWANSEA ROAD FRONTAGE**

The Swansea Road elevation clearly demonstrates that the built forms have minimal presence on the street and that the landscape elements overlaid on the built form return the currently degraded vegetation to an attractive garden scape with extensive rural grassland style vistas through to Olinda Creek.





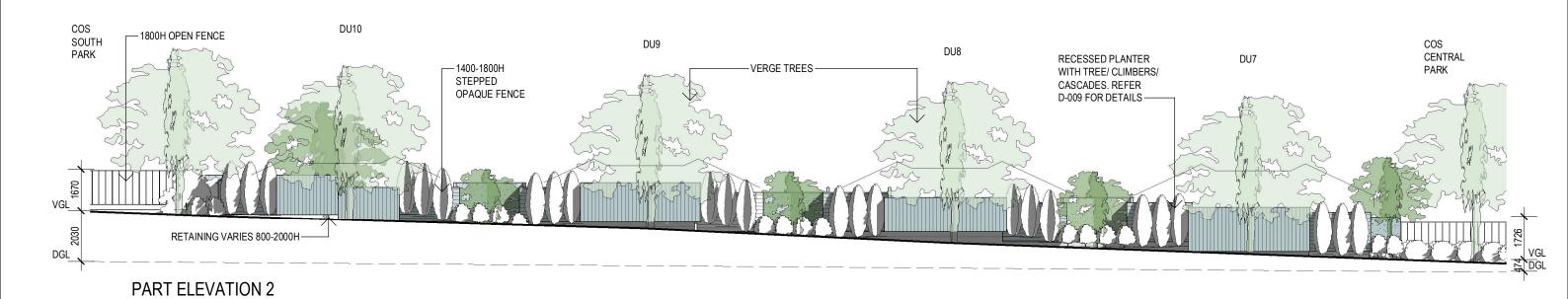
VERGE TREES-

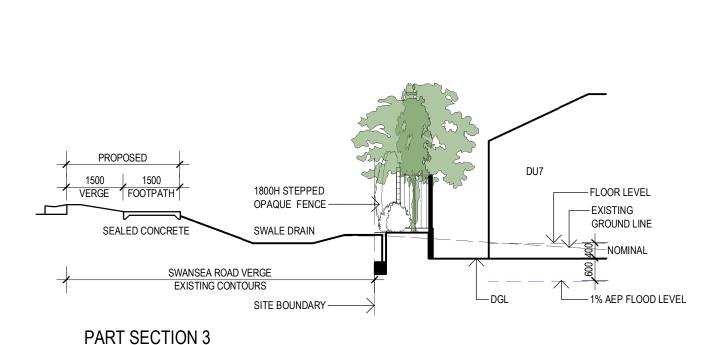
DU1

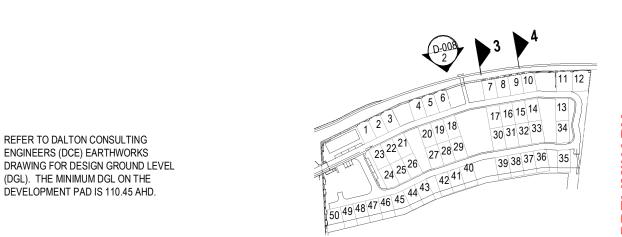
DU2

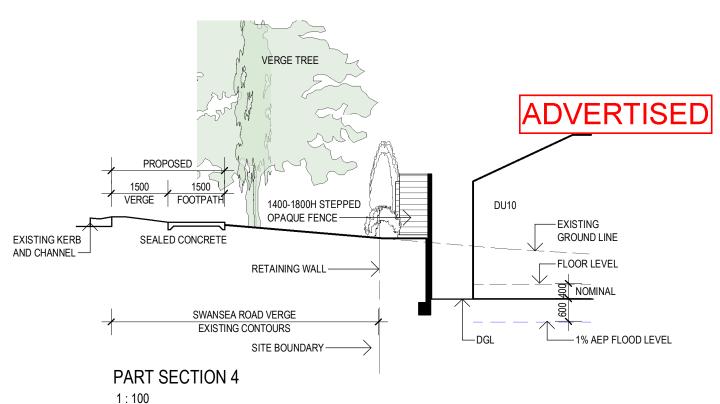
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DU3



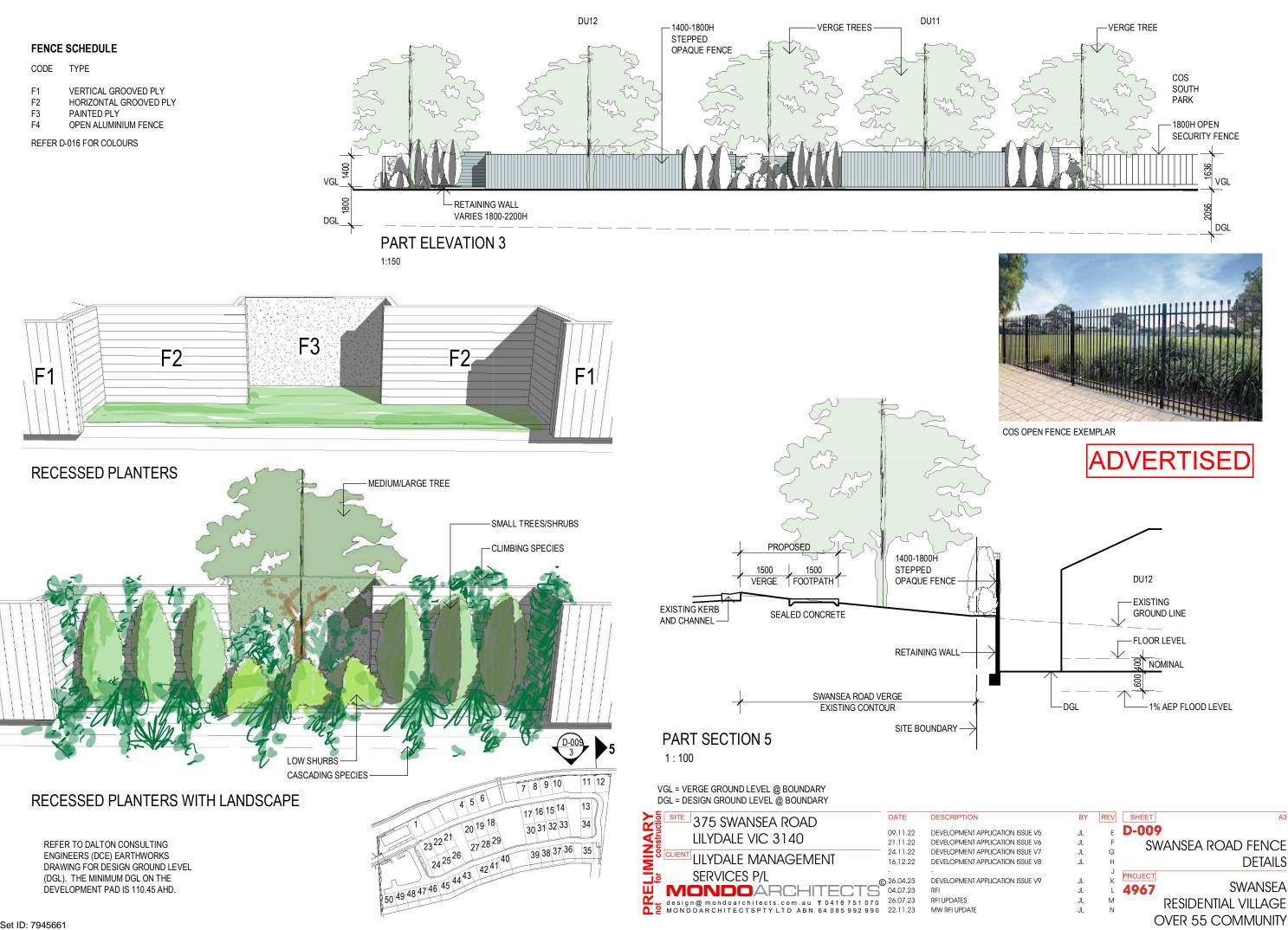








1:100



Document Set ID: 7945661 Version: 2, Version Date: 29/11/2023



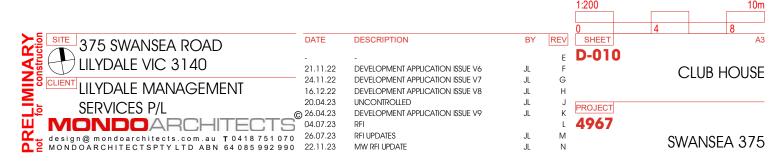
#### ESD initiatives (refer Sustainability Management Plan by ADP Consulting Engineer for details)

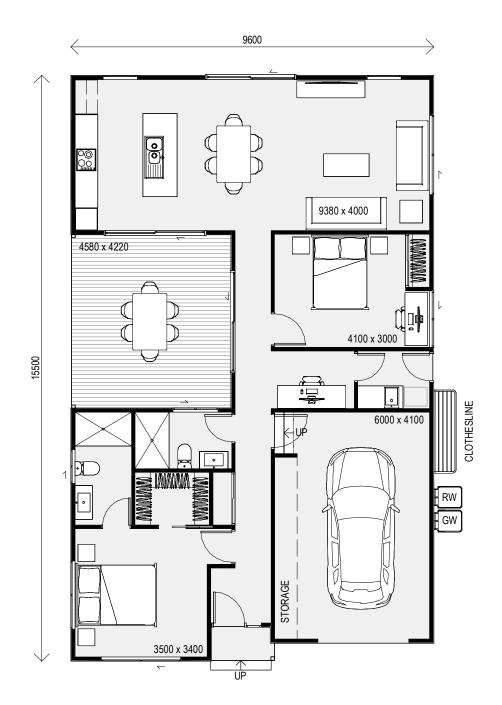
- Wall insulation min. R1.5
- · Roof insulation min. R5.0
- Underfloor insulation min R2.0
- · Double glazed clear window with standard frames.
- · For metal framed dwellings, a thermal break must be provided.
- · All sides of doors and windows must be sealed.
- · Rangehood and exhaust fans must be provided with a flap that closes when not in use.
- · Enable cross ventilation.
- All electric equipment induction cooktop to be used.
- · High efficiency electric pump hot water system.
- Maximum illumination power density (W/m2) in at least 90% of areas meet the requirements in Table J 6.2a of the NCC 2019 Vol 1.
- Solar PV System on the clubhouse roof (15 x 350W panels).





**COLOUR SCHEME 4 - WINDSPRAY** 





SOLARIS 146 FLOOR AREA				
Name	Area			
ENCL. LIVING	124.70 m²			
PATIO	19.59 m²			
PORCH	1.50 m <sup>2</sup>			
	145.79 m²			

## FLOOR PLAN

1:100



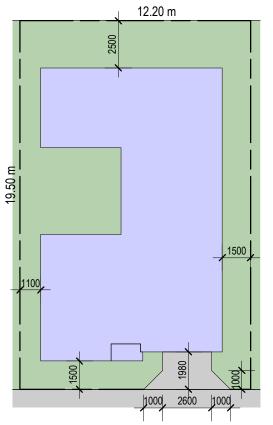




ESD initiatives (refer Sustainability Management Plan by ADP Consulting Engineer for details)

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- Enable cross ventilation.
- All electric equipment. Induction cooktop to be used.
- High efficiency electric pump hot water system.
- Max. Illumination of 4W/sqm or less
- EV infrastructure to be provided for all dwellings.
- No top hung awning window to be used.
- Water efficient fittings, fixtures and appliances.
- Low toxicity interior finishes.
- All dwellings provided with building fabric exceeding the minimum requirement by the Victorian Consolidation Regulations for Residential Tenancies (caravan and Moveable Dwellings Registration and Standards) Regulations 2020 Schedule 3, Part 2, Section 3.
- Double glazed windows to all habitable room windows

REFER D-002A - SITE PLAN - LEASE AREA



SITE PLAN
1:200





DESCRIPTION

DEVELOPMENT APPLICATION ISSUE V6
DEVELOPMENT APPLICATION ISSUE V7
DEVELOPMENT APPLICATION ISSUE V8
UNCONTROLLED
DEVELOPMENT APPLICATION ISSUE V9
RFI

BY REV

E
JL F
JL G
JL H
JL J
L
JL K
JL L
JL M

EEV SHEET A3

E D-011
F HOUSE DESIGN - SOLARIS
H 146

4967 SWANSEA RESIDENTIAL VILLAGE

**OVER 55 COMMUNITY** 







SOLARIS 155 FLOOR AREA			
Name	Area		
ENCL. LIVING	98.73 m <sup>2</sup>		
GARAGE	34.82 m <sup>2</sup>		
PATIO	19.59 m <sup>2</sup>		
PORCH	1.48 m <sup>2</sup>		
	15/1 63 m <sup>2</sup>		

## FLOOR PLAN

1:100

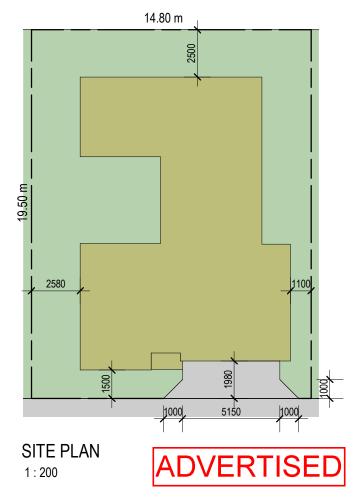




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REFER D-002A - SITE PLAN - LEASE AREA



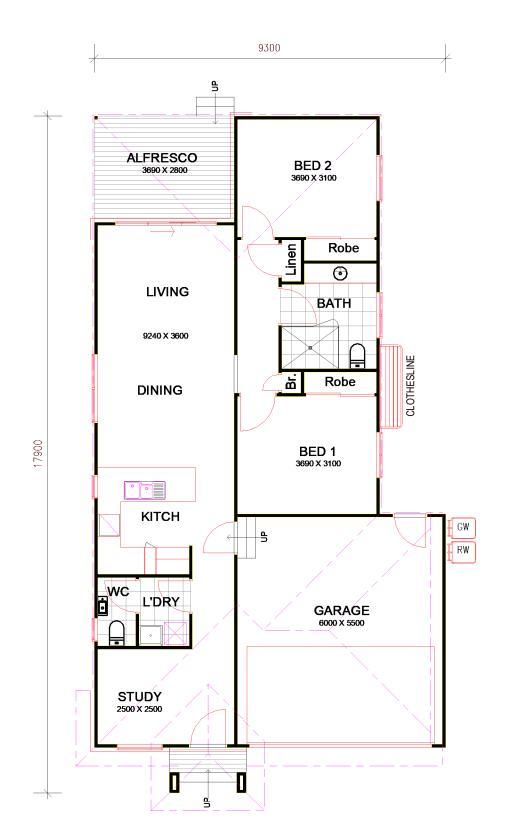
375 SWANSEA ROAD	DATE	DESCRIPTION
LILYDALE VIC 3140	- 21.11.22	- DEVELOPMENT A
E CLIENT LILYDALE MANAGEMENT	24.11.22 16.12.22	DEVELOPMENT A DEVELOPMENT A
SERVICES P/L	20.04.23	UNCONTROLLED DEVELOPMENT A
MONDOARCHITECTS  design@mondoarchitects.com.au T 0418 751 070  MONDOARCHITECTSPTYLTD ABN 64 085 992 990	04.07.23 26.07.23 22.11.23	RFI RFI UPDATES MW RFI UPDATE

DESCRIPTION DEVELOPMENT APPLICAITON ISSUE V6 DEVELOPMENT APPLICAITON ISSUE V7 DEVELOPMENT APPLICAITON ISSUE V8 NCONTROLLED DEVELOPMENT APPLICATION ISSUE V9 RFI UPDATES

SHEET **HOUSE DESIGN - SOLARIS** 155 **SWANSEA** 4967

**RESIDENTIAL VILLAGE** 

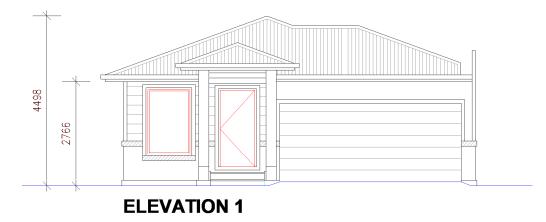
**OVER 55 COMMUNITY** 

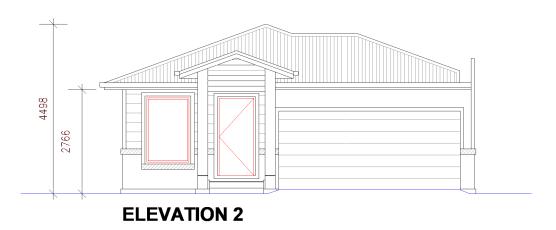


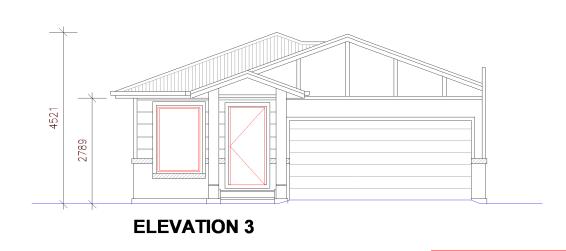
#### **AREA ANALYSIS** LIVING AREA 92.90 sqm GARAGE 33.77 sqm **ALFRESCO** 10.33 sqm PORCH 2.46 sqm TOTAL 139.46 sqm

## FLOOR PLAN

1:100



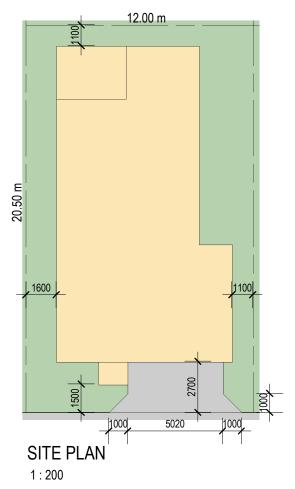




ESD initiatives (refer Sustainability Management Plan by ADP Consulting **Engineer for details)** Wall insulation min. R1.5

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- Enable cross ventilation.
- All electric equipment. Induction cooktop to be used.
  - High efficiency electric pump hot water system.
- Max. Illumination of 4W/sqm or less
  - EV infrastructure to be provided for all dwellings.
- No top hung awning window to be used.
- Water efficient fittings, fixtures and appliances.
- Low toxicity interior finishes.
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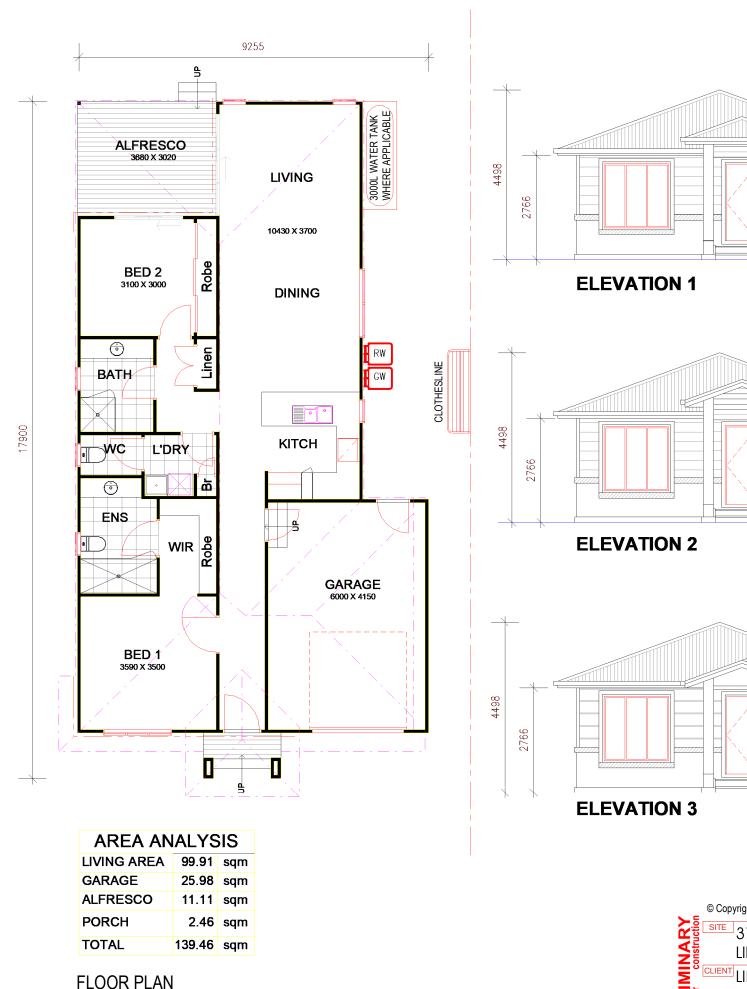
#### REFER D-002A - SITE PLAN - LEASE AREA



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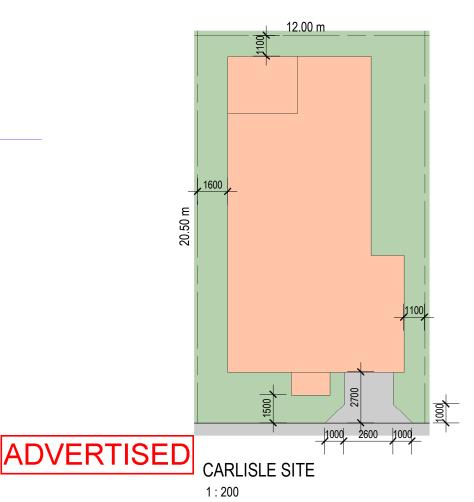




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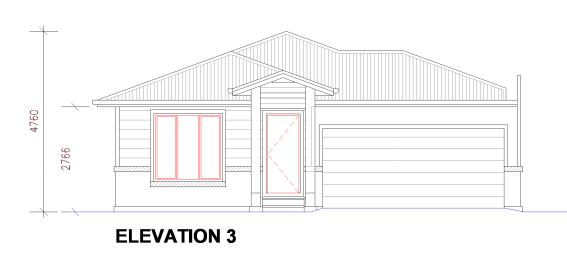


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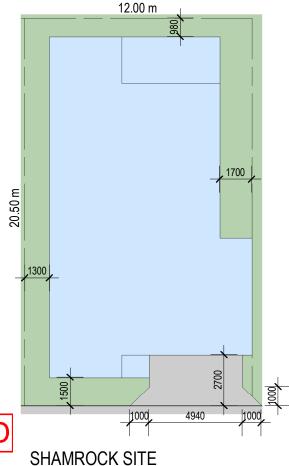




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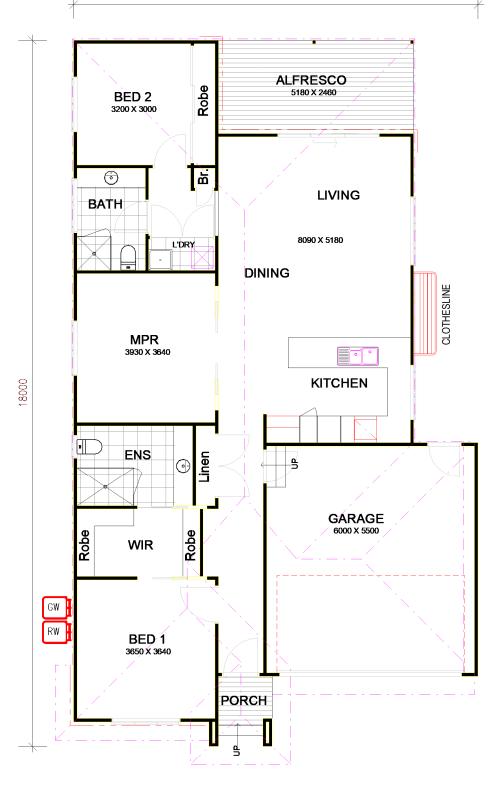


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**AREA ANALYSIS** LIVING AREA 119.53 sqm **GARAGE** 34.20 sqm **ALFRESCO** 12.74 sqm PORCH 2.81 sqm **TOTAL** 169.28 sqm

## SHAMROCK PLAN & ELEV

1:100







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Document Set ID: 7945661

WINDOW

Version: 2, Version Date: 29/11/2023

F4 - OPEN ALUMINIUM FENCE F2 - HORIZONTAL GROOVED DULUX MONUMNET DUI UX ZENITH HEIGHTS

F1 - VERTICAL GROOVED PLY

TIMBER PERGOLA BASALT

F3 - RENDERED PLY FENCE -DUILUX RAINMAKER DUI UX LA PINETA

ENTRY CANOPY

WATTYL SURFMIST

LIGHTWEIGHT CLADDING

ALUMINIUN

WINDOW

SLEEPER RETAINING WALL

STEEL

BALUSTRADE

COLORBONE

TIMBER PERGOLA WINDSPRAY

ENTRY CANOPY

WATTYL WHITE

LIGHTWEIGHT CLADDING