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Master Planned Residential Community Lochinvar, New South Wales 5 February 2024 Issue A

Prepared for COMMERCIAL 7 PTY LTD

'A contemporary residential community that promotes an active and social lifestyle in the heart of Lochinvar.'

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Date	Issue	Description	Checked
05/02/2024	Α	Development Application	CC

BDA Architecture

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9.0 Site Section

0.1 Site Section 1



Application Details & Consultants

1.1 Application:

1.1.0 Applicant:

Commercial 7 Pty Ltd

1.1.1 Application:

Development Approval

1.1.2 Street Address:

34 Wyndella Road, Lochinvar, New South Wales

1.1.3 Property Description:

Lot 225 on DP 246447

1.2 Consultants:

1.2.1 Architects & Urban Design

BDA Architecture Ph - (07) 5555 2600 Chris Cumming

1.2.2 Civil Engineer

Wallace Design Group Ph - (02) 4929 4109 Aaron Sanders

1.2.3 Bushfire Consultant

Bushfire Hazard Solutions Ph - (02) 9457 6530 lan Tyerman

1.2.4 Landscape Architect

Terras Landscape Architects Ph - (02) 4929 4926 Kate Hopoi

1.2.5 Traffic Engineer

Intersect Traffic Ph - 0423 324 188
Jeff Garry

Executive Summary

An ideal over 55s development with generous homes, in a lush landscaped setting.

Project Location

The site is situated along Wyndella Road just off New England Highway in Lochinvar. The site adjacent to the Lochinvar Urban Release Area and has public road frontage to the West.

Proposed Development

The proposal is for an over 55's lifestyle resort including 209 home sites. The proposal incorporates generous central facilities for the residents. The master plan has been concieved to provide a new interconnected neighbourhood that enhances walkability encouraging an active lifestyle.

Design Intent

The new over 55's lifestyle resort extends upon the garden city. All communal open space areas will be well landscaped to improve the visual amenity and microclimate of the homes. The proposed landscaping and fencing is designed to respect and be consistent with the local character of Lochinvar.

The timeless architectural style, supported by a lush native landscape will create a strong sense of place while also helping build a vibrant community supported by five star community facilities.

Colours and Materials

Each home is articulated through form, materials and colour to feel individual and identifiable. The use of various materials are carefully considered to create a well designed and contextually appropriate garden city feel.

Topography + Building Response

The site is rectangular in shape and has a gradual fall from north to south. The majority of the fall is accommodated between the homes with retaining walls less than 1.5m high. The proposal has been well orientated given the constraints of the narrow site.

Access & Surveillance

Access to the site is from Wyndella Road, with the homes having access from the proposed internal roads, which will be privately owned and managed. The proposal includes a 4 metre wide gravel bushfire trail around the site.

Summary

The proposal has been carefully designed to respond to both the opportunities and constraints presented by the site. The outcome is an ideal over 55's lifestyle resort with generous homes that will have a great outlook, substantial private open space and situated in a great location that offers ideal recreation opportunities. Additionally, the proposed built form compliments the local character.

The proposal is to provide a residential community that has a timeless architectural character sympathetic to the garden city context enhanced by lush generous landscaping.

The design is driven by the goal of enhancing walkability and encouraging residents to live a healthy lifestyle. Part of this is achieved by providing formal and informal opportunities for community involvement and contact through the design and placement of the community facilities and open space areas.

The proposal is an appropriate scale and intensity of development for the context while providing generous landscape buffering and separation to the existing homes.



Statement of Urban Design Intent

Site Analysis

3.1 Site Location

The site is situated on the Eastern side of Wyndella Road just off New England Highway in Lochinvar.

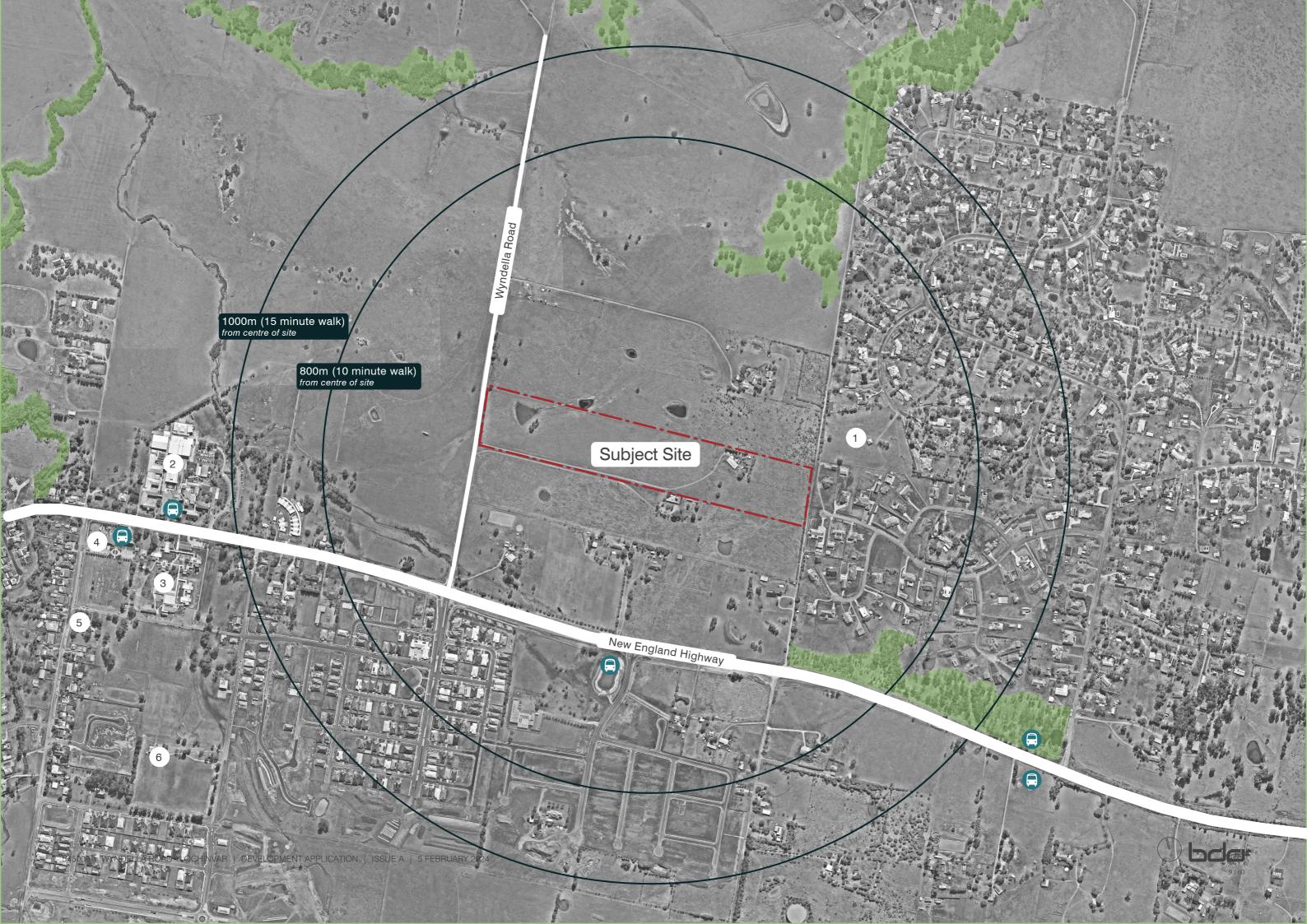
The site is located adjacent to the Lochinvar Urban Release Area. The site is narrow and rectangular in shape with an angulating land form which has driven the site planning.

Based on location and characteristics, it is considered the site is an ideal location for a Manufactured Home Estate, improving the community by replacing vacant land with well-designed and contextually appropriate form of housing that is not currently provided for within the Lochinvar Urban Release Area.

Key:

- 1. Cecily Reserve Park
- 2. St Joseph's College
- 3. St Patrick's Primary School
- 4. St Patrick's Catholic Church
- 5. Lochinvar Police Station
- 6. Lochinvar Sporting Complex





3.2 Existing Site Context



Aerial View of Subject Site looking North.



Aerial View of Subject Site looking South.



Aerial View of Subject Site looking East.



Aerial View of Subject Site looking West.

Key:

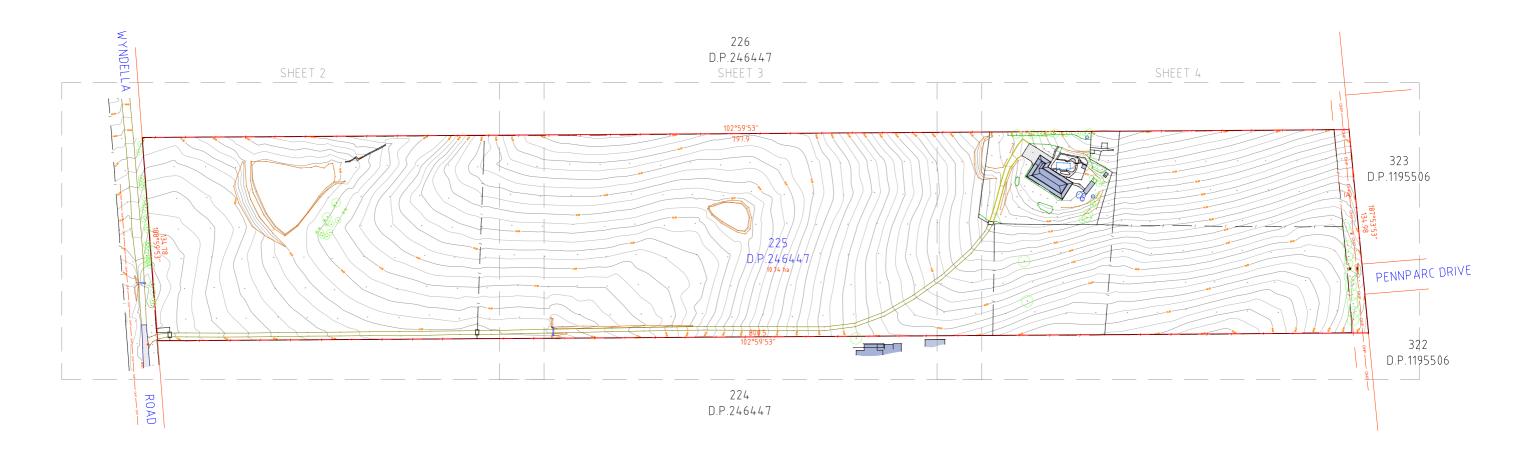
Subject Site





3.3 Survey Plan





Statement of Urban Design Intent

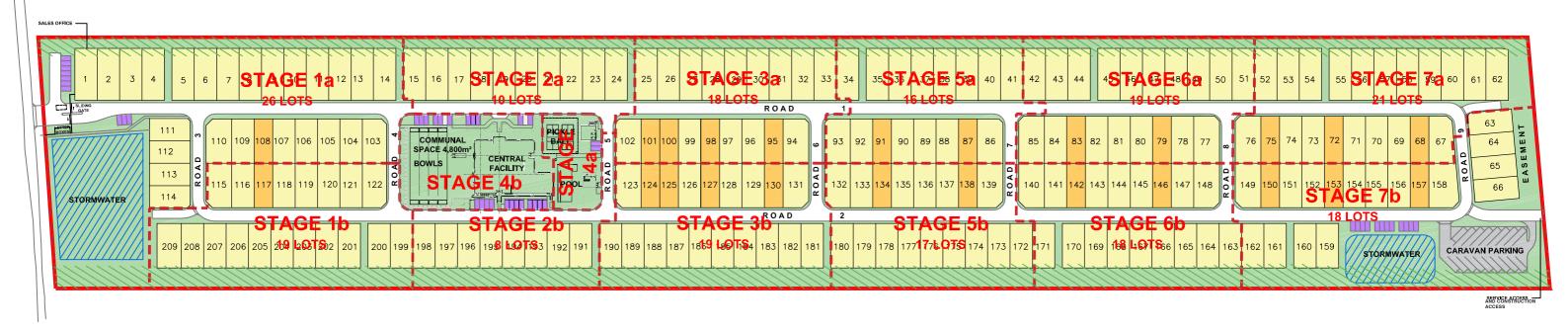
Master Planning

4.1 Indicative Master Plan

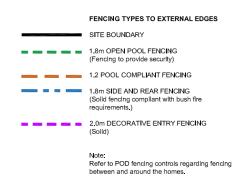
LEGEND DEVELOPMENT SUMMARY Site Area 10.75ha Home Type Bushfire Buffer (10m - 13m) 10 x 23.75/27.75m 1.75ha 24 11% 12 x 23.75/27.75m Home Sites 6.24ha 185 89% **TOTAL** Private Roads 209 1.11ha Communal Landscape Areas 2.71ha Note: Caravan Parking 17 Bays Corner lots are 1m wider to accommodate an additional side setback. Visitor Parking 47 Bays 0.43 ha Communal Landscape Area = Area shown in green minus Storm water stormwater and approximate driveway area for each lot. **HYDRANT**



4.2 Staging Plan

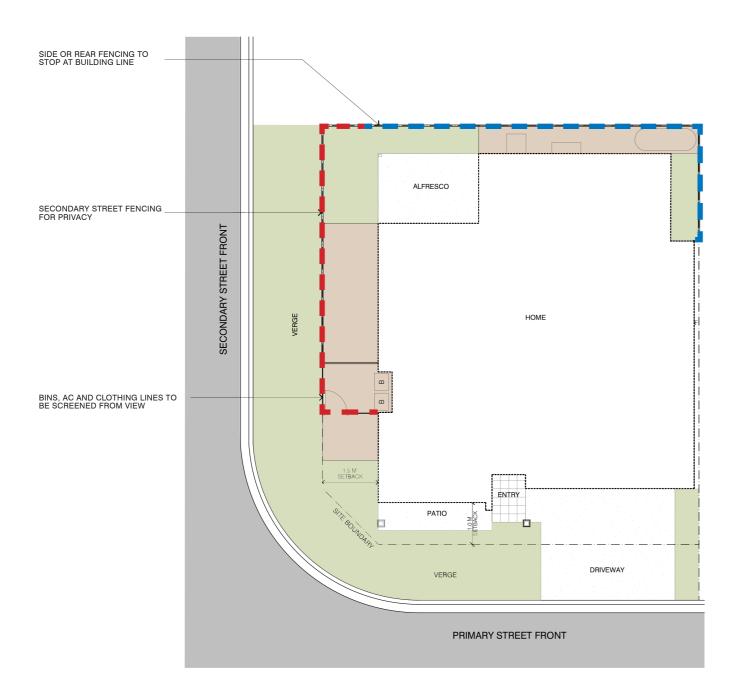


4.3 Estate Fencing Plan





4.4 Dwelling Frontage Plan



FENCING TYPES

SIDE/REAR FENCING TYPE A OR B

COLOURBOND FENCE 1.8m HIGH MAX OR TIMBER GOOD NEIGHBOUR FENCE 1.8m HIGH

SECONDARY STREET FENCING TYPE A, B OR C.

DECORATIVE WHITE FRONT FENCE 1.8m HIGH



TYPE A - COLORBOND FENCE

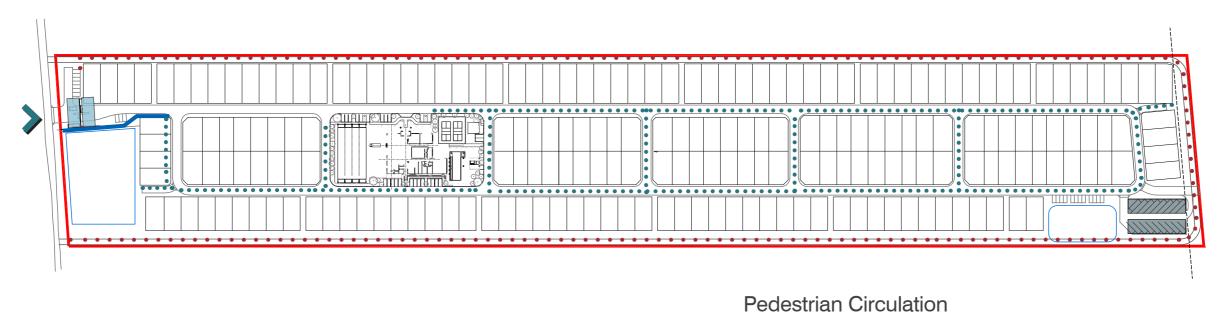


TYPE B - TIMBER GOOD NEIGHBOUR FENCE PAINTED



TYPE C - OPEN FENCE. POOL OR BATTEN FENCE

4.5 Movement Network



Private Pedestrian Path

Secure Entry

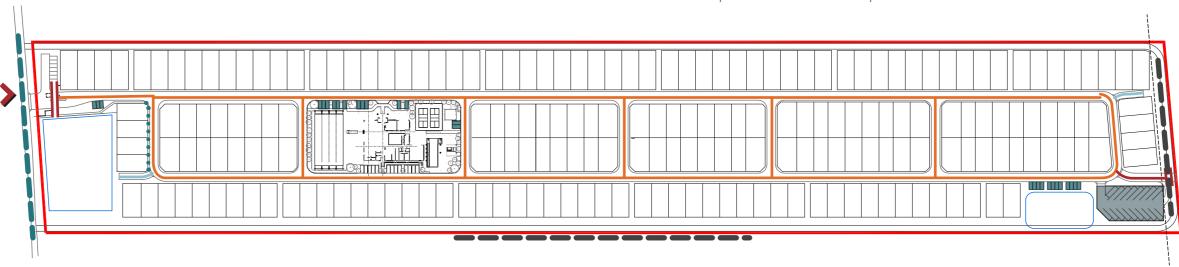
Pedestrian Entry

• • • Private Informal Pedestrian Route (Gravel Path)

•••• Shared pedestrian and vehicle on street in a low speed environment

Note:

Streets are designed to be a shared pedestrian and vehicular space.



Traffic Circulation

Private Residential Street -Minor 6m + pavement.

Public Road frontage

Primary Entry

6m Service Access Road

Road Stub 4.5m Pavement

Car Park Security Gate

Visitor Parking

Van Parking

4.6 Plan of Development

Setbacks

- 1. Front setbacks from the edge of the pavement of the internal roads to the home site boundary is a minimum of 1.25m.
- 2. Setbacks from the home site boundaries are:
 - Street 1.75m
 - Side 1.0m
 - Rear 2.0m

Note: Setbacks are measured to the outer edge of the wall. Eaves, balconies, hoods, screens, supporting columns and projected architectural elements may extend into the setbacks to a maximum of 0.45m from the side and rear home site boundary and 0m from the from street front home site boundary.

- 3. Setbacks maybe varied by the Plan of Development (POD) Masterplan and POD Detail Plan which takes precedence.
- 4. Boundary walls (or zero lot walls) are permitted to side boundaries:
 - a. up to a maximum 3.5m high (excluding retaining); and
 - b. to a maximum of 1 x side home site boundary as indicated on the POD masterplan; and
 - c. with no windows.
- 5. Where neighboring buildings share a common built to boundary wall both buildings must be of the same height and seamlessly integrate unless the homes are stepped in response to level difference between different lots. These common built to boundary walls can be up to 8.5m high and for the full length of the adjoining dwelling.
- 6. Built to boundary walls are for non-living areas only including garages, bathrooms, laundry, robes, storage, kitchens and studies.

Height

7. Development does not exceed 2 storeys and a maximum height of 8.5m.

Built Form

- 8. Buildings have a varied apperance that incorporates attractive and diverse facades that address internal street frontages and communal open space areas.
- Buildings include windows that overlook the internal street and spaces to provide opportunities for casual surveillance.
- 10. The streetscape facade of the proposed buildings are to incorporate the following design elements:
 - a. Variation in the facade by steps in the plan and projections in the facade;
 - b. The main pedestrian access into the building is easily identified and visible from the street;
 - c. Be different from the neighbouring home by using either different colours or materials.
- Building openings incorporate awnings, hoods or eaves.
- 12. Maximum permissable site cover is 65% of the home site area.

Car Parking

- 13. Carparking shall be provided at the following minimum rates:
 - a. 1 x covered space for 1 or 2 bedroom dwellings;
 - 2 x covered spaces for 2 bedroom and MPR dwellings.

Privacy

- 14. The habitable room windows of a building do not directly face:
 - a. a habitable room window of another building within 10m; and
 - b. an access way, footpath or communal open space area within 3m.

OF

- 15. The habitable room windows have one of the following:
 - a. a fixed obscure glazing in any part of the window below 1.5m above floor level;
 - b. Privacy screening or fencing that cover a minimum of 50% window view.
 - c. Have a privacy fence in between if the ground level contains openings.

16. Where a direct view exists into the private open space of an adjoining dwelling, the outlook from windows, stairwells, terraces, decks and other private, communal or public areas, is obscured or screened by privacy screens or fencing.

Private Open Space

- 17. All Type A and B dwellings to have an area of private open space which:
 - a. has a minimum area of 30m²;
 - b. has a minimum width of 3 metres;
 - c. is directly accessible from a living area; and has a maximum gradient of 1 in 10.
- 18. Alternatively, for dwellings where their primary open space is an elevated balcony then:
 - a. has a minimum area of 10m²;
 - b. has a minimum length and width of 2 metres;
 and
 - c. is directly accessible from a living area.

Fencing

- 19. All fencing is to comply the plans 4.3 Estate Fencing Plan and 4.4 Dwelling Frontage Plan.
- 20. Dwelling fencing to comply to the following:
 - a. No fence permitted forward of the homes on the primary road frontage.
 - Secoundary street, side and rear fencing to be a maximum of 1.8m in height excluding any retaining walls.

Refuse and Services

- 21. Provision is made for the storage of refuse on-site and suitable access for the removal of refuse.
- 22. The mechanical equipment, including air conditioning plant and swimming pool pumps, is incorporated within the building or screened from public view by a fixed screen, fence or landscaping.
- 23. Refuse bins are to be located behind the building line and/or screened from view.

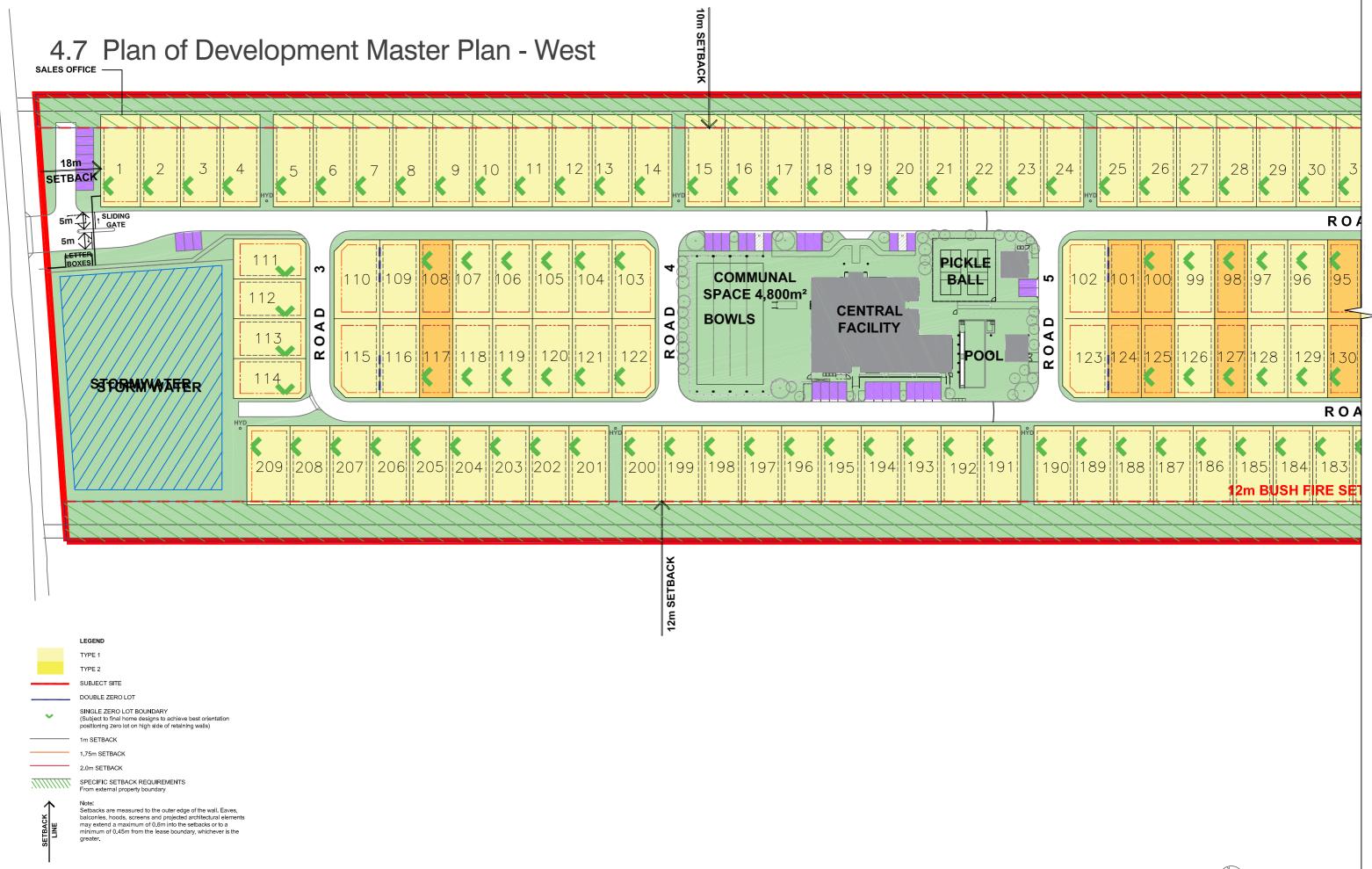
Landscaping

- 24. Buffer planting along the outer areas will be drought tolerant while the central spine will have irrigated lush planting.
- 25. The landscape planting within the front setback is to be of a high quality to ensure the softening of the built form and generally in accordance with the approved landscape intent.

Note:

Primary Street is the shortest street frontage and the secondary street is the longest street frontage.







4.9 Plan of Development - Detail Plan

LEGEND
SIDE SETBACK

REAR SETBACK FRONT SETBACK

SECONDARY STREET SETBACK

ALLOWABLE ZERO LOT LINE

INDICATIVE HOME FOOTPRINT

BIN PICKUP LOCATION AT KERB.

ALLOWABLE SHARED ZERO LOT LINE WALL

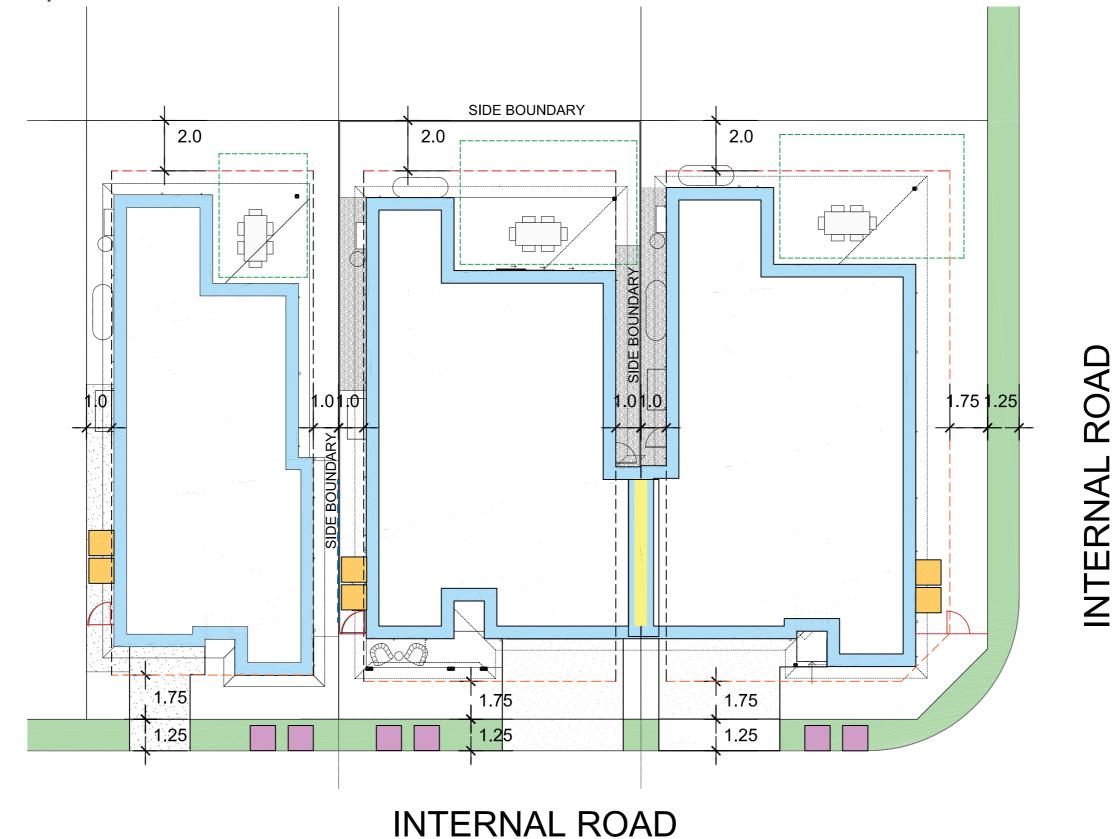
MINIMUM $30 \mathrm{m}^2$ OF PRIVATE OPEN SPACE

SIDE FENCE LOCATED A MINIMUM OF 1m BEHIND THE PRIMARY STREET FRONT WALL OF THE HOME. BIN STORAGE POINT SCREENED FROM VIEW

The secondary street boundary is the longest street boundary.

Setbacks are measured to the outer edge of the wall. Eaves, balconies, hoods, screens, supporting columns and projected architectural elements may

extend into the setbacks to a minimum of 0.45m from the side and rear lease boundaries and 0m from the from street front lease boundaries.



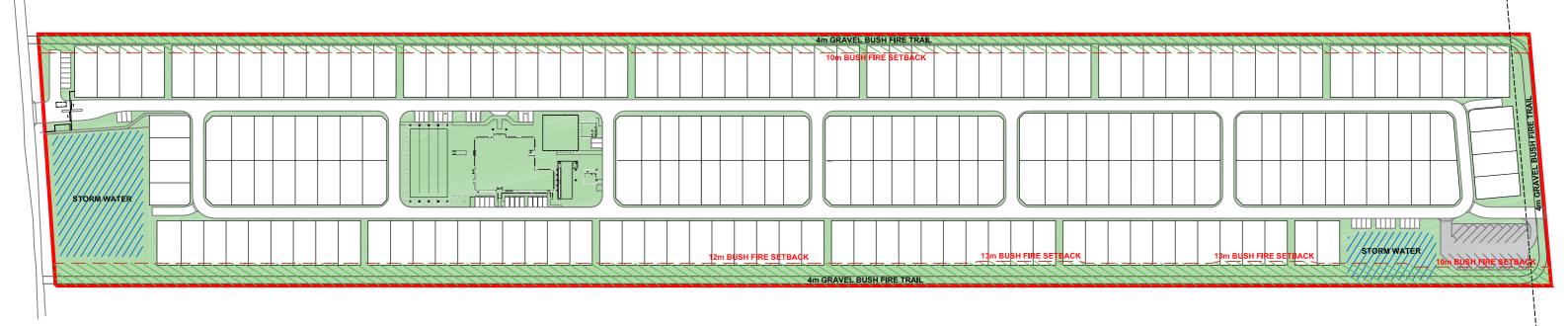
4.10 Communal Open Space & Landscape Plan

COMMUNAL OPEN SPACE



Note

Communal landscape includes footpaths, bush fire trails, retaining walls, bowls green, pool, pickle ball court, hardscape and external covered communal areas



4.11 Community Amenities Area Plan

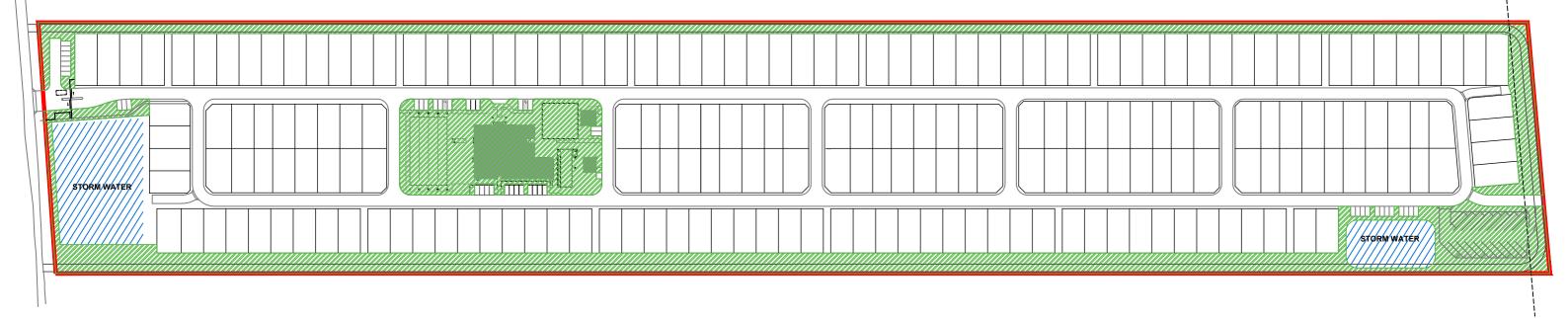
COMMUNITY AREA

10.75ha

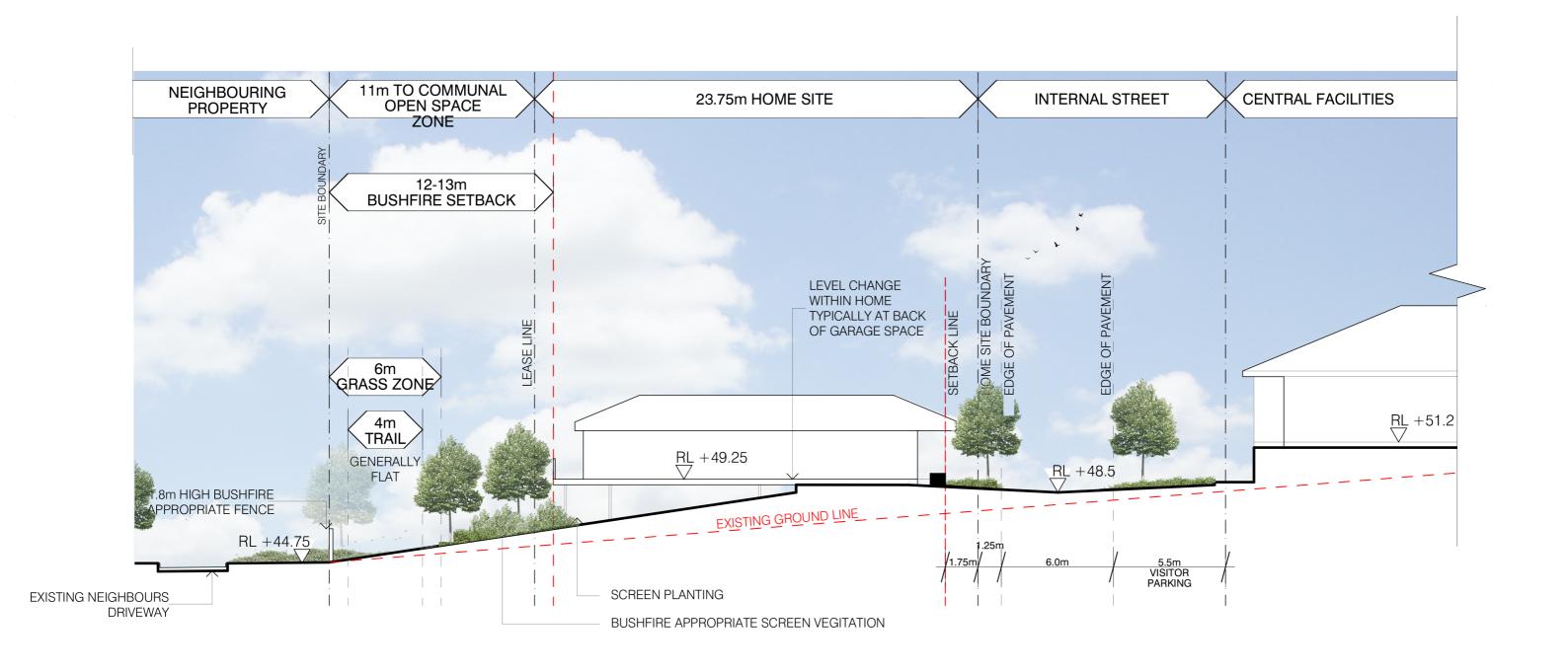


TOTAL AREA OF COMMUNITY AMENITIES AS PER REG 13

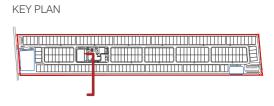
SITE AREA



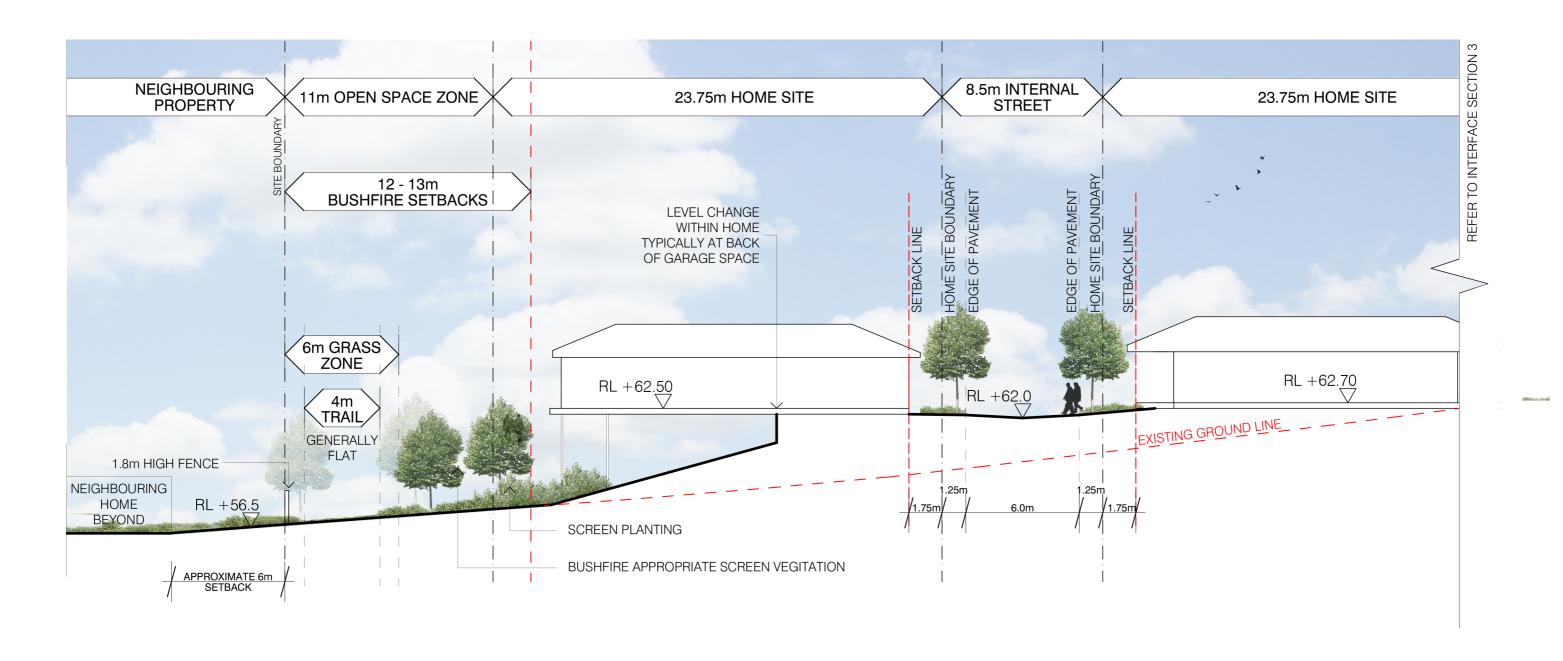
4.12 Interface Section 1



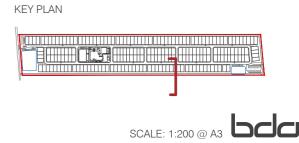
RELATIONSHIP OF HOME SITES TO SOUTHERN BOUNDARY SECTION OF GRADUAL GRADIENT.



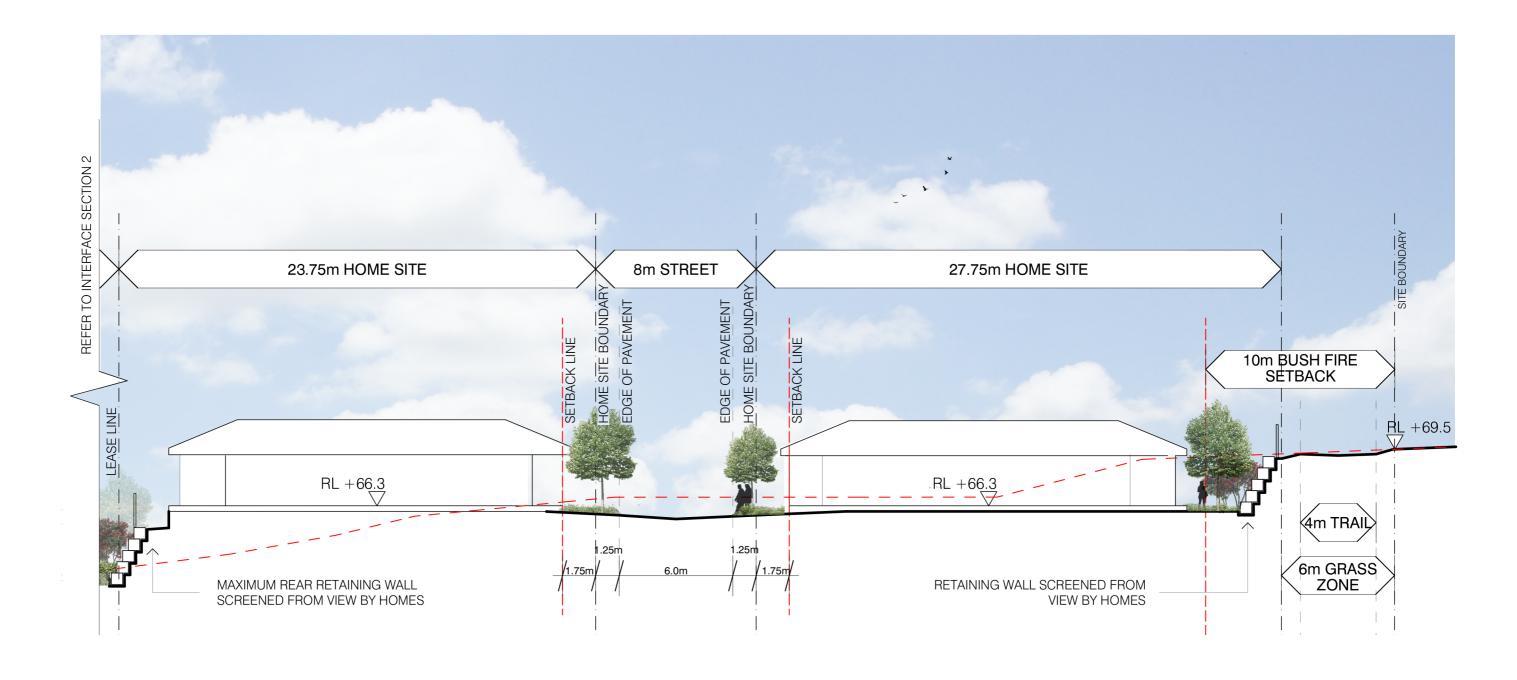
4.13 Interface Section 2



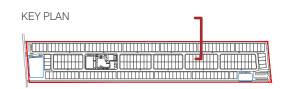
RELATIONSHIP OF HOME SITES TO SOUTHERN BOUNDARY SECTION OF STEEP GRADIENTS TO SITE BOUNDARY.



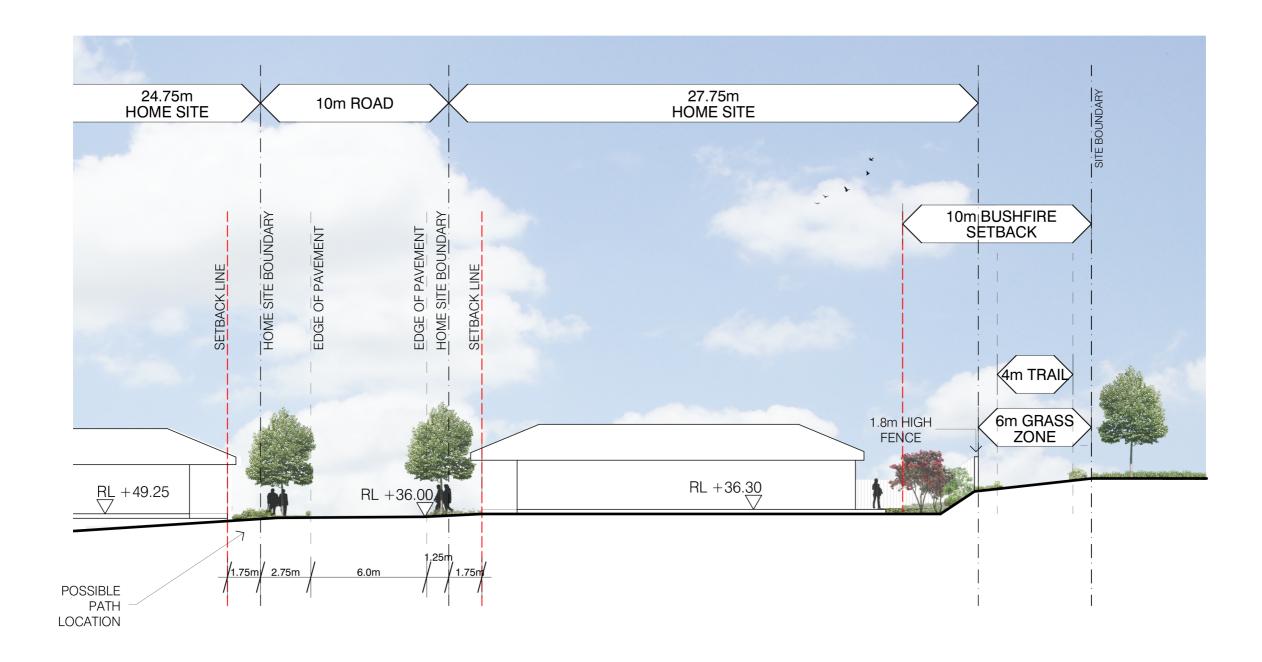
4.14 Interface Section 3



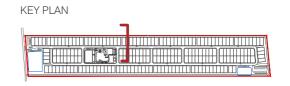
RELATIONSHIP OF HOME SITES TO NORTHERN BOUNDARY SECTION OF STEEP GRADIENT.



4.15 Interface Section 4



RELATIONSHIP OF HOME SITES TO NORTHERN BOUNDARY SECTION OF GRADUAL GRADIENT.



Architectural Design Intent

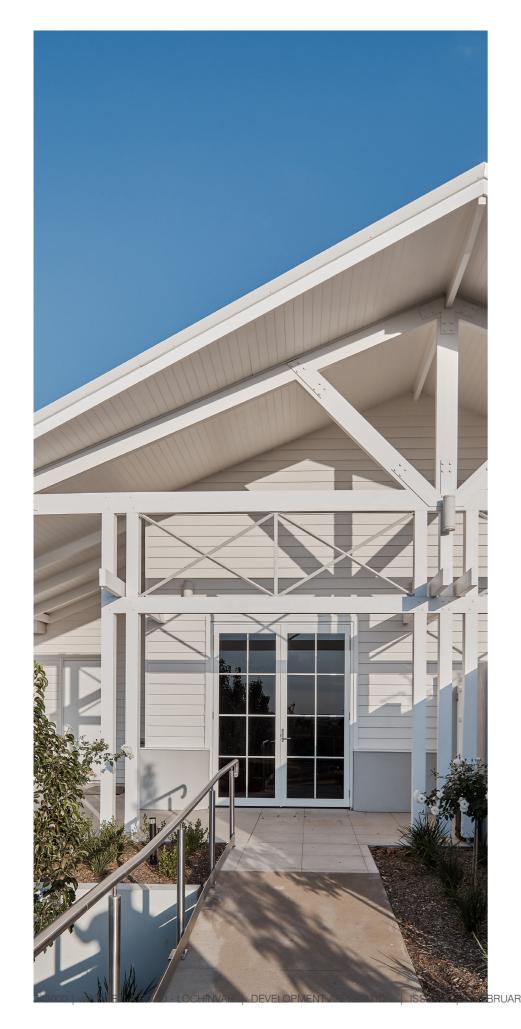


5.1 Our Vision

A timeless architectural style, supported by a lush native landscape will create a strong sense of place while also building a vibrant community supported by five star communal facilities.

Drawing upon a palette of materials and textures that complement the residential location in a sophisticated manner whilst responding to the existing vernacular of Lochinvar. The careful selection of materials and building forms have been purposefully chosen to provide a built form that is adapted to the unique conditions of the site.











Perspective Views

6.1 Perspective 1

View Looking West





6.2 Perspective 2

View looking East





6.3 Perspective 3

View looking West Adjacent to Central Facilities





Indicative Home Types



7.2 Home Type A1 (Lot Type 1 - 10 x 23.75m)

Facade Variation (Indicative)



PERSPECTIVE VIEW

FLOOR PLAN

SCALE 1:100



JAMES HARDY

'PRIMELINE'

PAINTED DULUX 'LEXICON QUARTER'

WEATHERBOARD JAMES HARDY 'PRIMELINE' 170mm WEATHERBOARD 170mm WEATHERBOARD PAINTED DULUX 'TEAHOUSE'

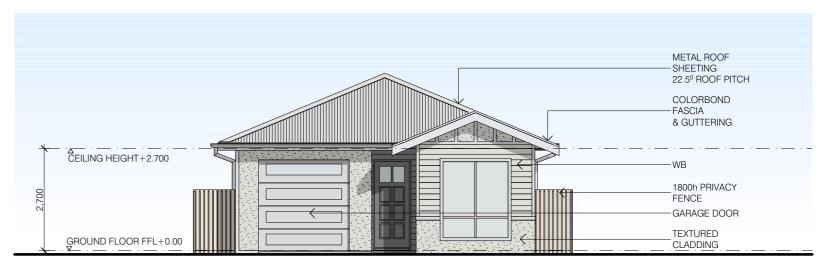
RENDERED WALLS JAMES HARDY FINE TEXTURE CLADDING 'LEXICON QUARTER' PAINTED DULUX 'LEXICON QUARTER'



DULUX GLOSS



ROOF COLORBOND 'WHITEHAVEN' CORRUGATED ROOF SHEETING



FRONT ELEVATION

FASCIA / GUTTER

7.3 Home Type A2 (Lot Type 1 - 10 x 23.75m)

Facade Variation (Indicative)



PERSPECTIVE VIEW

FLOOR PLAN

SCALE 1:100



JAMES HARDY 'PRIMELINE' 170mm WEATHERBOARD PAINTED DULUX 'LEXICON QUARTER'



RENDERED WALLS

JAMES HARDY FINE TEXTURE CLADDING 'LEXICON QUARTER' PAINTED DULUX 'LEXICON QUARTER'



DULUX GLOSS



COLORBOND 'WHITEHAVEN' CORRUGATED ROOF SHEETING



DULUX 'LEXICON QUARTER' **GLOSS**

METAL ROOF - SHEETING 22.50 ROOF PITCH COLORBOND & GUTTERING CEILING HEIGHT+2.700 1800h PRIVACY FENCE GARAGE DOOR TEXTURED GROUND FLOOR FFL+0.00 CLADDING

FRONT ELEVATION

7.5 Home Type B1 (Lot Type 2 - 12 x 23.75m)

Facade Variation (Indicative)



PERSPECTIVE VIEW

FLOOR PLAN

SCALE 1:100



JAMES HARDY 'PRIMELINE' 170mm WEATHERBOARD PAINTED DULUX 'LEXICON QUARTER'



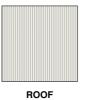
RENDERED WALLS

JAMES HARDY FINE TEXTURE CLADDING 'LEXICON QUARTER' PAINTED DULUX 'LEXICON QUARTER'



SOFFIT

DULUX GLOSS



COLORBOND 'WHITEHAVEN' CORRUGATED ROOF

SHEETING

FASCIA / GUTTER

DULUX 'LEXICON QUARTER' GLOSS

METAL ROOF - SHEETING 22.50 ROOF PITCH COLORBOND -FASCIA & GUTTERING VERTICAL AXON CEILING HEIGHT+2.700 CLADDING 1800h PRIVACY FENCE SECTIONAL GARAGE DOOR -GARAGE DOOR GROUND FLOOR FFL+0.00 TIMBER DOOR

FRONT ELEVATION

7.7 Home Type B2 (Lot Type 2 - 12 x 23.75m)

Facade Variation (Indicative)



PERSPECTIVE VIEW

FLOOR PLAN

SCALE 1:100



JAMES HARDY 'PRIMELINE' 170mm WEATHERBOARD PAINTED DULUX 'LEXICON QUARTER'



RENDERED WALLS

JAMES HARDY FINE TEXTURE CLADDING 'LEXICON QUARTER' PAINTED DULUX 'LEXICON QUARTER'



DULUX GLOSS



COLORBOND 'WHITEHAVEN' CORRUGATED ROOF SHEETING



DULUX 'LEXICON QUARTER' **GLOSS**

METAL ROOF - SHEETING 22.50 ROOF PITCH COLORBOND FASCIA & GUTTERING CEILING HEIGHT+2.700 RENDER FINISH 1800h PRIVACY FENCE SECTIONAL GARAGE GROUND FLOOR FFL+0.00 TIMBER DOOR

FRONT ELEVATION

7.9 Home Type B3 (Lot Type 2 - 12 x 23.75m)

Facade Variation (Indicative)



PERSPECTIVE VIEW

FLOOR PLAN

SCALE 1:100



JAMES HARDY 'PRIMELINE' 170mm WEATHERBOARD PAINTED DULUX 'LEXICON QUARTER'



RENDERED WALLS

JAMES HARDY FINE TEXTURE CLADDING 'LEXICON QUARTER' PAINTED DULUX 'LEXICON QUARTER'



DULUX

GLOSS



COLORBOND 'WHITEHAVEN' CORRUGATED ROOF

SHEETING

FASCIA / GUTTER DULUX

'LEXICON QUARTER' **GLOSS**

-WB METAL ROOF - SHEETING 22.50 ROOF PITCH COLORBOND FASCIA & GUTTERING CEILING HEIGHT+2.700 RENDER PAINT 1800h PRIVACY FENCE SECTIONAL GARAGE TEXTURED CLADDING GROUND FLOOR FFL+0.00 TIMBER DOOR

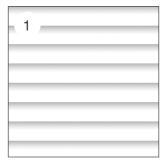
FRONT ELEVATION

Central Facilities

8.1 Colour & Materials

Reference Imagery

Walls



3

FC Weatherboard Cladding, 'White'



Feature Stone Cladding

Flooring

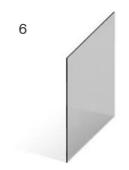


Textured Render Walls Tile, 'Light Beige'

Frames & Glass

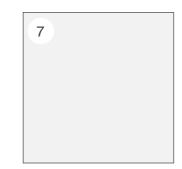


Aluminium Window/ Door Frames 'White'



Tinted Glazing

Roof Elements



FC Soffit, 'White'



Metal Fascias/Eaves Gutters, Colorbond Finish, 'Dune'



Vertical Groove Soffit Panelling, 'White'

8.2 Colour & Materials

Example Building

WALLS

- 1. Rendered Blockwork Wall 'White'
- 2. Weatherboards 'White'

FLOORING

3. Tile 'Light Beige'

FRAMES & GLASS

- 4. Aluminium Window/Door Frames, Clear Anodised Finish 'White'
- 5. Tined Glazing

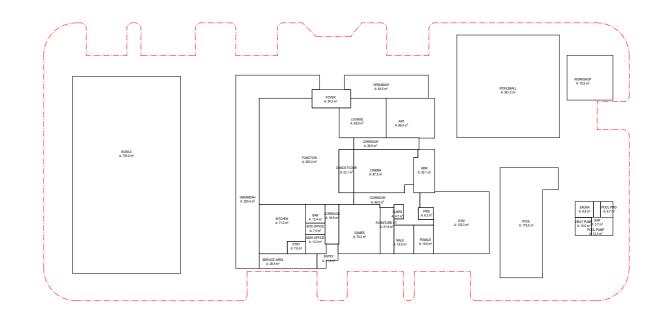
ROOF ELEMENTS

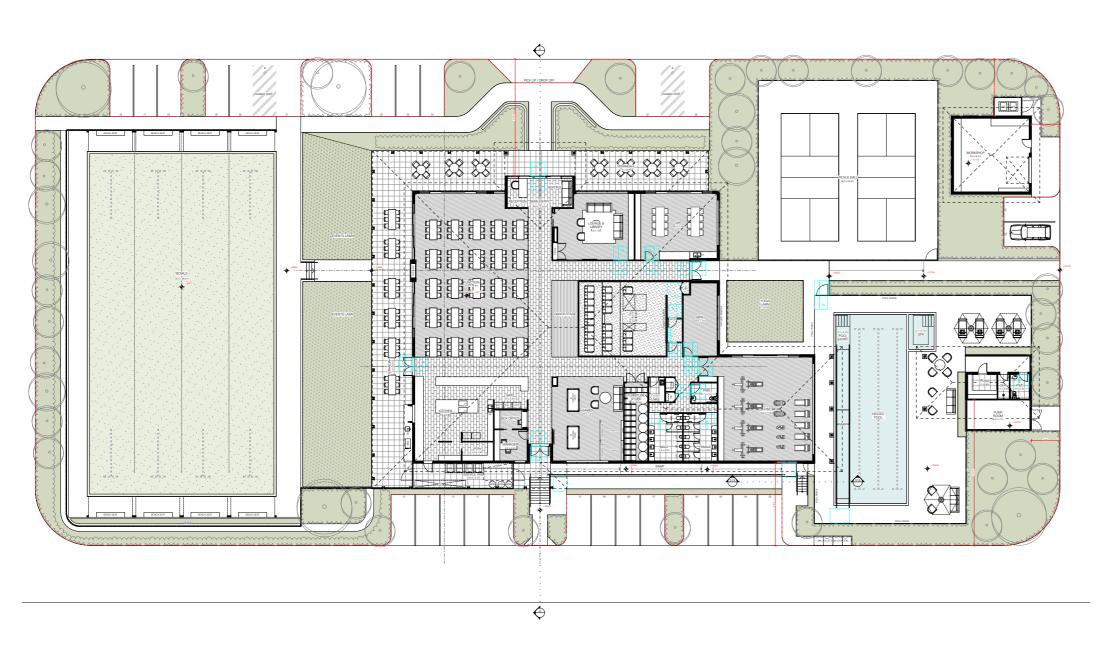
- 6. FC Soffit 'White'
- 7. Metal Fascias/Eaves/Gutters, Colorbond Finish 'Dune'



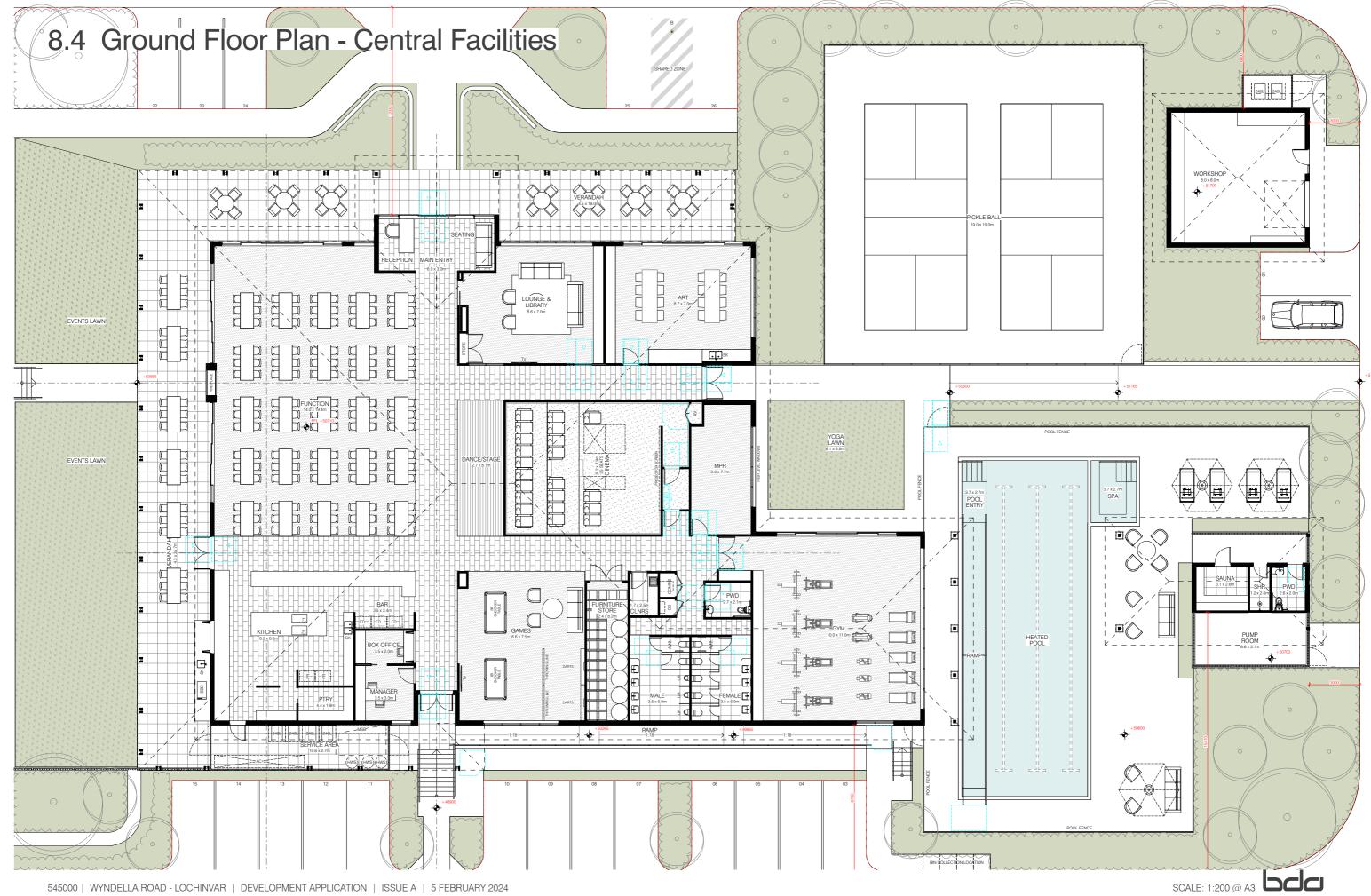


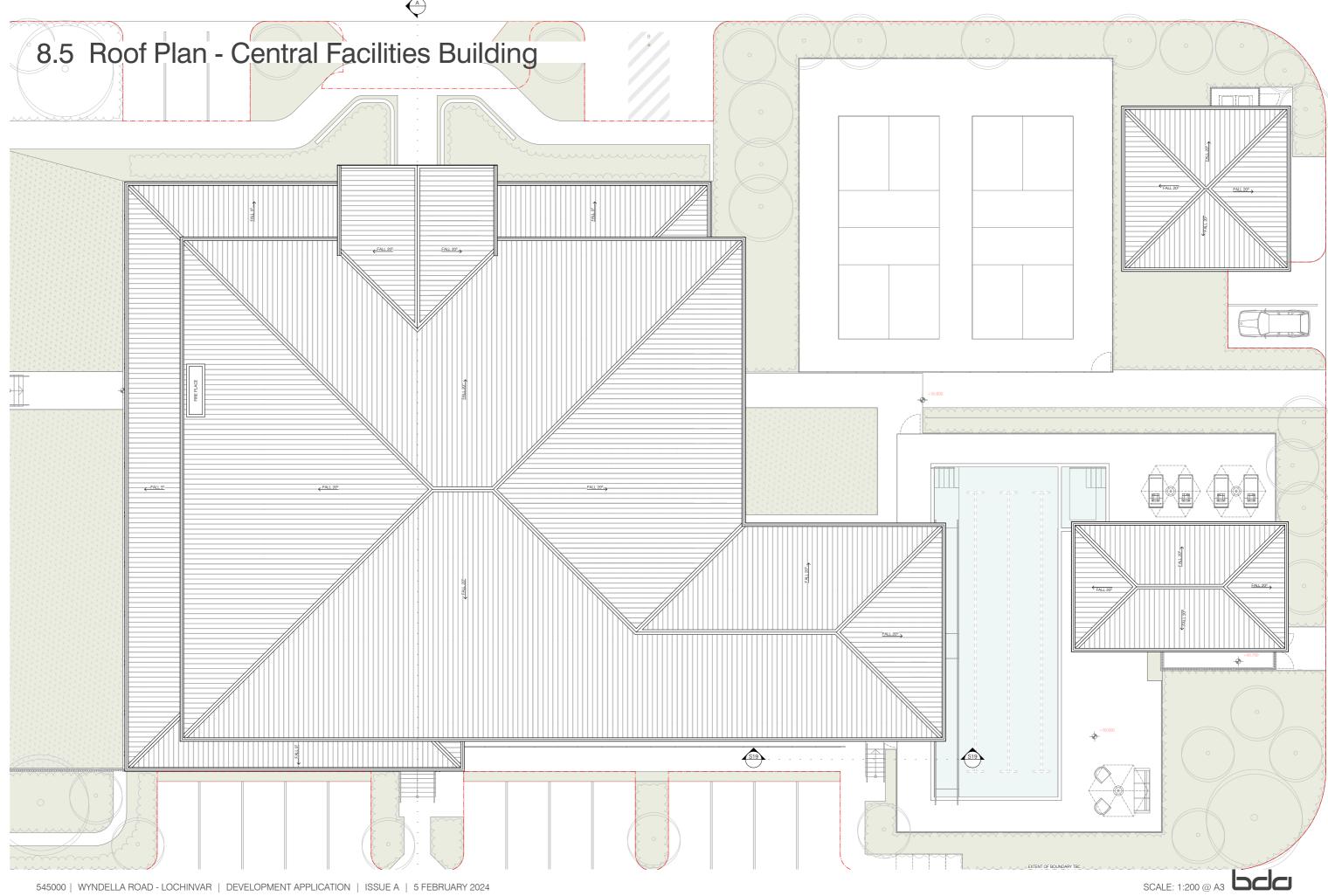
8.3 Site Plan





FUNCTION AREAS:		EXTERNAL AREAS:
ART	66.05	BOWLS
BAR	12 44	HEAT PUMP
BOX OFFICE	7.50	PICKLEBALL
CINEMA	87.26	POOL
CLNRS	4.74	SERVICE AREA
CORRIDOR	91.28	VERANDAH
DANCE FLOOR	22.05	TOTAL:
ENTRY	11.19	
FEMALE	19.51	
FOYER	24.31	
FUNCTION	293.20	
FURNITURE ST.	21.88	
GAMES	70.19	
KITCHEN	70.96	
LOUNGE	59.87	
MALE	19.51	
MGR OFFICE	13.28	
MPR	30.15	
PTRY	7.78	
PWD	6.20	
TOTAL:	939.35 m ²	
WELLNESS AREAS:		
GYM	125.34	
POOL PUMP	13.32	
POOL PWD	6.70	
SAUNA	9.83	
SHR	3.73	
TOTAL:	158.92 m ²	





8.6 Elevations 1



NORTH ELEVATION



EAST ELEVATION

8.7 Elevations 2

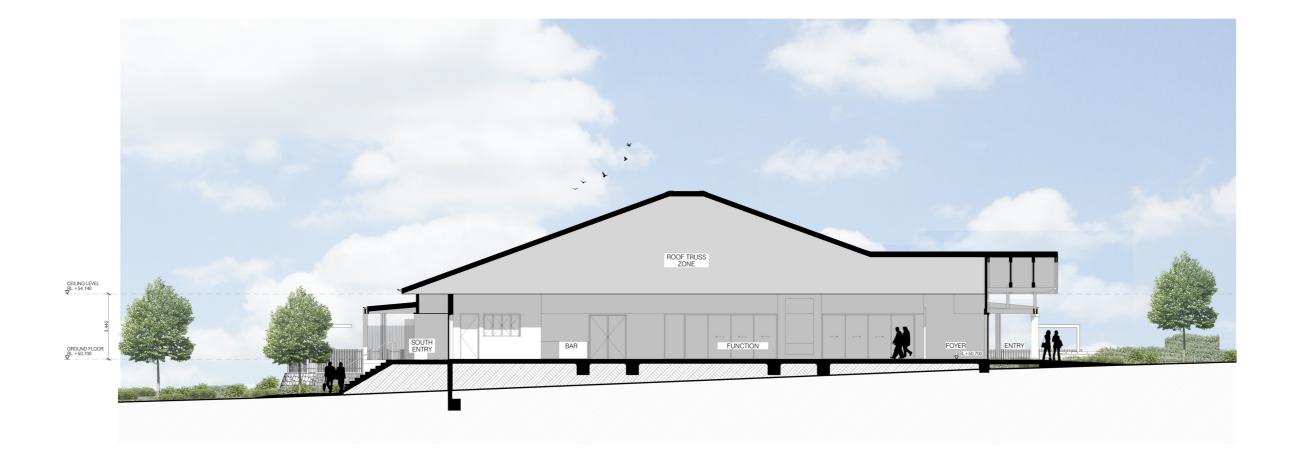


SOUTH ELEVATION



WEST ELEVATION

8.8 Section A-A



8.9 Perspective View 1



8.10 Perspective View 2



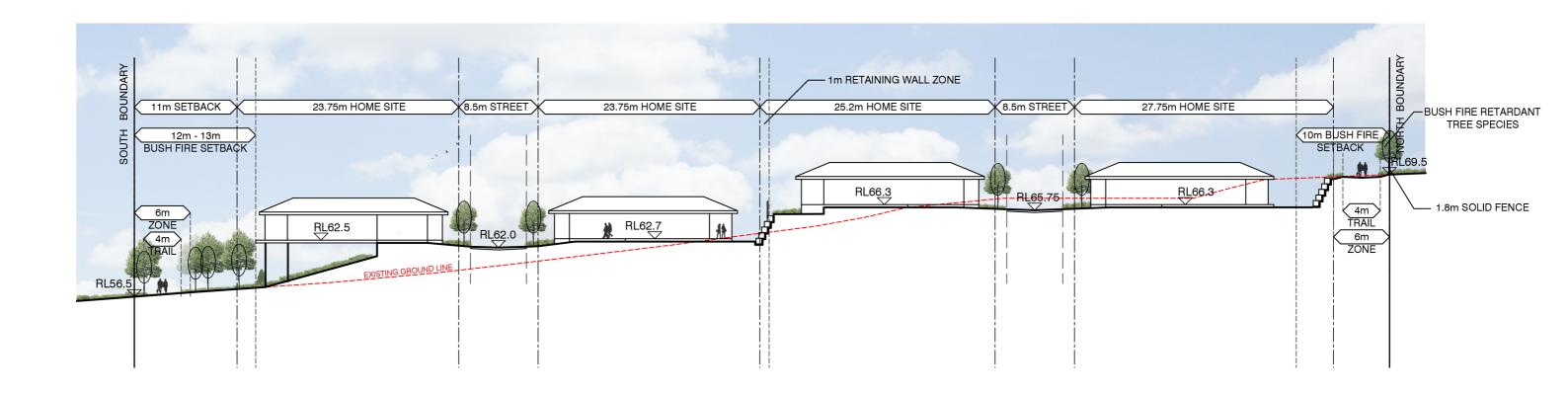
8.11 Perspective View 3



Site Section



9.1 Site Section



SITE SECTION 1

*Lengths shown are approximate. Refer civil plans for final levels. Landscape is graphical only, refer Landscape Architect report for detail.

