

CAP MEETING – 11 March 2026

ITEM 8.1

DEVELOPMENT NO.:	25018635
APPLICANT:	Fuhui Capital Pty Ltd ATF Fuhui Family Trust
ADDRESS:	12 HIGHLANDS CT WOODFORDE SA 5072
NATURE OF DEVELOPMENT:	4 storey detached dwelling, retaining walls, fence, swimming pool & associated safety features
ZONING INFORMATION:	<p>Zones</p> <ul style="list-style-type: none"> • Housing Diversity Neighbourhood <p>Overlays</p> <ul style="list-style-type: none"> • Affordable Housing • Hazards (Bushfire - Urban Interface) • Hazards (Flooding - Evidence Required) • Prescribed Wells Area • Regulated and Significant Tree • Stormwater Management • Traffic Generating Development • Urban Tree Canopy • Water Resources <p>Technical Numeric Variations (TNVs)</p> <ul style="list-style-type: none"> • Maximum Building Height (Metres) (Maximum building height is 9m) • Maximum Building Height (Levels) (Maximum building height is 2 levels)
LODGEMENT DATE:	23 Jul 2025
RELEVANT AUTHORITY:	Adelaide Hills Council Assessment Panel
PLANNING & DESIGN CODE VERSION:	P&D Code (in effect) Version 2025.13 17/07/2025
CATEGORY OF DEVELOPMENT:	Code Assessed - Performance Assessed
NOTIFICATION:	Yes
RECOMMENDING OFFICER:	Doug Samardzija
	Senior Statutory Planner
REFERRALS STATUTORY:	None
REFERRALS NON-STATUTORY:	Engineering Department

CONTENTS:

ATTACHMENT 1:	Application Documents	ATTACHMENT 4:	Representations
ATTACHMENT 2:	Subject Land Map/Representation Map	ATTACHMENT 5:	Response to Representations
ATTACHMENT 3:	Zoning Map	ATTACHMENT 6:	Relevant P & D Code Policies

CAP MEETING – 11 March 2026

ITEM 8.1

DETAILED DESCRIPTION OF PROPOSAL:

The proposal is for a four-storey detached dwelling, retaining walls, fence, swimming pool & associated safety features on a 1463m² allotment in the Hamilton Hill estate at Woodforde. The total footprint of the building is 350m² whilst the total floor area including the garage and the balconies is approximately 1747m².

The proposed dwelling presents a contemporary and distinctive design, which differs in form from what is ordinarily associated with typical dwelling proposals. The front façade is typical of most modern dwelling designs and features a double garage under the main roof, large front entrance with travertine walls or similar, with a contemporary roof design. Each of the levels are for most part identical with the rear portion of the building at each level containing three bedrooms one with an ensuite, separate office room, shared wet area and an open plan kitchen dining and living area. Each level with exception of a ground level also contains a balcony with an integrated laundry. From here there are however subtle differences to the front portion of each of the levels, and the use of these areas. At the ground floor a large cellar space is identified on the floor plan. Directly above that at level one is a large gym room and, directly above that at level two is a large theatre room. These rooms are identical in size and location and it is just their use that differs. On the last level which is the road level there is a nine-car garage with a stack car lift system and a dining room. Each of the levels also contains a long hallway with levels connected by a staircase and a lift. The main level of the dwelling presents to the street as single storey, with 'concealed' lower levels that step down below the street level as the land falls away significantly from the road frontage.

The height of the dwelling varies given the slope of the land. As mentioned above, the front of the dwelling presents as single storey at street level, however for most part especially when viewed from the side and the rear, the dwelling it is a four-storey design. The highest point of the roof is 13.6 metres above the lowest natural ground level. The total footprint of the building is 350m² whilst the total floor area including the garage and the balconies is approximately 1747m².

The main front of the dwelling is setback 3.8 metres from the road boundary with the garage setback at 4.8 metres. The sides of the dwelling are setback a minimum of 1.5 metres at the closest point from the north/west boundary whilst the rest of the setbacks are significantly more. Setback from the eastern boundary is 6.9 metres or the width of the easement whilst the rear setback is 6.6 metres to the balcony.

Retaining walls are to be provided along sections of the side and rear boundary and internally to stabilise the excavation at the front of the site and as well as the side. The retaining walls vary between 0.2 and 2.8 metres in height. A swimming pool with associated safety features and an enclosed pump box are proposed at the rear of the house.

A basic landscape plan that includes one large tree being *Corymia henryi* (Spotted Gum) along with another seven smaller trees and associated shrubs and ground covers as specified on the planting schedule, has been provided.

BACKGROUND:

This application was originally lodged as a five-storey building, with the fifth level being identical to the other four. Council originally determined the application to be a residential flat building comprising of five dwellings. Through subsequent discussion and concerns raised about the built form, the proposal was amended to a four-storey building, however in Council's view it was still a residential flat building but now comprising four dwellings.

The application was subsequently notified as such, and five representations were received opposed to 4 dwellings on the one site as well as other issues which are detailed further in this report.

Following the completion of the notification period, the Applicant appealed Council's description of the proposal to the ERD Court arguing that the proposal is a single four storey dwelling rather than a residential flat building and should be described as such.

CAP MEETING – 11 March 2026

ITEM 8.1

Council obtained further legal opinion on the matter and as a result of a number of discussions a through the preliminary conference, the Council planning team were persuaded that the proposal is a single four storey dwelling and the Applicant has also confirmed that dwelling is going to be occupied by the extended family and is willing to agree to a condition limiting the use of the building as a single dwelling and to not make alterations to divide or separate the levels into individual dwellings.

Given that the description of the proposal changed after the notification period, Council obtained further legal advice on whether public notification was required to be repeated.

The advice was that a change in the description of the nature of the development from a residential flat building to a dwelling would result in no additional triggers for public notification in table 5 for the Housing Diversity Neighbourhood Zone. The built form of the proposed development remains unchanged from the plans publicly notified, as such the exceedance of the maximum building height of 9m and 2 levels specified in DTS/DPF 3.1 of the Housing Diversity Neighbourhood Zone remains the only public notification trigger. The assessment pathway also remains as performance assessed.

Further, section 119(9) of the *Planning, Development and Infrastructure Act 2016 (PDI Act)*, and regulation 35 of the *Planning, Development and Infrastructure (General) Regulations 2017* only applies when an applicant seeks to vary an application. The application is unvaried with the amended plans only clarifying privacy screening, removal of a vehicle turning area, and annotation of the location of the laundry facilities only. Rather, it is merely the Council's description of the nature of the development which has changed. With that in mind, it was also confirmed that existing representations received are still valid and need to be considered.

SUBJECT LAND & LOCALITY:

Location reference: 12 HIGHLANDS COURT, WOODFORDE

Title ref.: CT 6264/691 **Plan Parcel:** D128750 AL259 **Council:** ADELAIDE HILLS COUNCIL

Site Description:

The subject land comprises a single allotment located at 12 Highlands Court, Woodforde. The land is part of the Hamilton Hill master planned development in Woodforde. The subject land is the last allotment on the southern side of Highlands Court.

It is an irregular shaped allotment with a frontage width of 16.8 metres, a depth ranging between 42 and 47 metres and a rear boundary width of up to 49 metres and a site area of approximately 1463m² making it the largest allotment within this part of the estate. It is noted there is an encumbrance on the title that requires the consent of the Hamilton Hill Design Panel which has been provided as part of the documentation. There is also a 7m wide easement running the length of the eastern boundary.

The allotment backs onto an open reserve established as part of the Hamilton Hill master planned development with all the allotments along the southern side of Highlands Court sloping towards the said reserve. The site is also currently one of the last vacant allotments in the locality.

Locality

The locality is residential in land use and built form character, with existing and new residential development interfacing with densely vegetated open space to the east near Norton Summit Road.

The locality comprises mostly the newly developed Hamilton Hill estate that surrounds the subject land.

CAP MEETING – 11 March 2026

ITEM 8.1

Allotments within Highlands Court are between 500m² and 1463m² and are currently being developed with new modern dwellings of generous proportions and predominantly 2-storeys in nature, although some three-storey development and two apartment buildings of up to four storeys in height exist or are under construction. Significant earthworks and retaining walls are evident due to the sloping topography of the land.

The established residential area to the north is characterised by detached dwellings of low densities. There are several large two-storey dwellings with distant views of the city and, existing trees and gardens are notable features within this area.

Land to the east and south-east near Norton Summit Road is densely vegetated and has an open and vegetated character.

CONSENT TYPE REQUIRED:

Planning Consent

CATEGORY OF DEVELOPMENT:

- **PER ELEMENT:**
Swimming pool or spa pool and associated swimming pool safety features: Code Assessed - Performance Assessed
Detached dwelling: Code Assessed - Performance Assessed
Fence: Code Assessed - Performance Assessed
Retaining wall: Code Assessed - Performance Assessed

- **OVERALL APPLICATION CATEGORY:**
Code Assessed - Performance Assessed

- **REASON**
P&D Code

The Planning and Design Code does not provide an 'Accepted' or a 'Deemed to Satisfy' pathway for the above noted elements. They are also not listed as being 'Restricted' forms of development under Table 4 of the Productive Rural Landscape Zone. Therefore, it is considered that as per Sections 105 (b) and 107 of the PDI Act, that the proposal be assessed as 'Performance Assessed' development.

PUBLIC NOTIFICATION

- **REASON**
The proposed dwelling fails to satisfy Table 5 Column B exemptions. More specifically the proposal exceeds the maximum building height specified in Housing Diversity Neighbourhood Zone 3.1

Public Notification period – 05 November 2025- 25 November 2025

- **LIST OF REPRESENTATIONS**

Representor Name	Representor's Property Address	Wishes to be heard (Y/N)	Nominated Speaker (if relevant)

CAP MEETING – 11 March 2026

ITEM 8.1

Hugh Marquis	15 Highlands Court, Woodforde	Yes	Hugh Marquis
Brooke Neilson	Po Box 958 Kensington Gardens	No	
Fran E	12 Wilcox Street, Adelaide	No	
Lilian Jen	14 Highlands Court, Woodforde	No	
Jwala Singh	33a Leabrook Drive, Rostrevor	No	
Du Nam Lee	14 Highlands Court, Woodforde	No	

• SUMMARY

The issues contained in the representations can be briefly summarised as follows:

- The proposal is contrary to PO 2.1 in the Zone and contrary to the Hamilton Hill encumbrance.
- Four dwellings on a single allotment.
- Car parking shortfall
- Impacts on the streetscape and the amenity of the locality
- Building size
- Landscaping

All representations received do not support the proposal.

There were few concerns raised by the representors that the proposed development is contrary to the encumbrance that's attached to all the properties within the Hamilton Hill. Whilst it is not a relevant Code consideration, it is noted that the proposal has been approved by the Hamilton Hill Design Panel and therefore deemed to be consistent with the design guidelines of the encumbrance. Council staff further enquired about the encumbrance with the developer, more specifically in relation to the sections raised by the representors about limiting a single dwelling per allotment. The developer has confirmed that the proposal satisfied the encumbrance and that they view the proposal as a single dwelling.

A copy of the representations are included as **Attachment 4 – Representations** and the applicant's response is provided in **Attachment 5 – Response to Representations**.

AGENCY REFERRALS

None

INTERNAL REFERRALS

Engineering Department:

Council's Engineering Department was consulted to provide comments on the size of the proposed garage. A standard B85 vehicle is 4.9 m long and 1.9 m wide. The applicant originally showed a 4.5 m long vehicle stacked in the garage, which is not realistic. Even though, most vehicles today are around 5.4 m or longer. Based on this, only three cars would practically have fitted inside the garage.

CAP MEETING – 11 March 2026

ITEM 8.1

The plans were subsequently amended to increase the size of the garage which is now able to accommodate 9 vehicles in total.

PLANNING ASSESSMENT

Desired outcomes

Desired outcomes are policies designed to aid the interpretation of performance outcomes by setting a general policy agenda for a zone, subzone, overlay or general development policies module. Where a relevant authority is uncertain as to whether or how a performance outcome applies to a development, the desired outcome(s) may inform its consideration of the relevance and application of a performance outcome or assist in assessing the merits of the development against the applicable performance outcomes collectively.

Performance outcomes

Performance outcomes are policies designed to facilitate assessment according to specified factors, including land use, site dimensions and land division, built form, character and hazard risk minimisation.

Designated performance features

In order to assist a relevant authority to interpret the performance outcomes, in some cases the policy includes a standard outcome which will generally meet the corresponding performance outcome (a designated performance feature or DPF). A DPF provides a guide to a relevant authority as to what is generally considered to satisfy the corresponding performance outcome but does not need to necessarily be satisfied to meet the performance outcome, and does not derogate from the discretion to determine that the outcome is met in another way, or from the need to assess development on its merits against all relevant policies.

A detailed assessment of the application has taken place against the relevant provisions of the Planning and Design Code (P & D Code) and this is provided below under a series of headings. A Policy Enquiry extract containing the relevant provisions of the P & D Code is contained in **Attachment 6 – Relevant P & D Code Policies**.

Zone:

Housing Diversity Neighbourhood Zone:

Desired Outcomes	
DO1	Medium density housing supports a range of needs and lifestyles, located within easy reach of a diversity of services and facilities. Employment and community service uses contribute to making the neighbourhood a convenient place to live without compromising residential amenity.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.1, 3.1, 4.1, 6.1, 7.1 and 8.1	
DPFs: 1.1, 3.1, 4.1, 6.1, 7.1 and 8.1	

The subject land is a recently created residential allotment situated within the Hamilton Hill master planned development. The land is within the Housing Diversity Neighbourhood Zone of the Planning and Design Code. DO 1 and PO 1 of the of the Zone are seeking a diverse range of medium density housing. The proposal is for a detached dwelling and is an envisaged land uses in DPF 1.1 and therefore from a desired form of land use the proposal satisfies PO 1.1.

DPF 3.1 of the Zone recommends a maximum height of 9 metres and two building levels. PO 3.1 is seeking a building height that is consistent with the DPF or development that is “generally low rise or complements the height of nearby buildings”. The Code defines low-rise as “up to and including 2 building levels”.

CAP MEETING – 11 March 2026

ITEM 8.1

The Code also defines building height as “the maximum vertical distance between the lower of the natural or finished ground level at any point of any part of a building and the finished roof height at its highest point”. The proposed development being four storeys and 13.6m in height is not consistent with PO 3.1 and DPF 3.1. The building is not consistent with the form expressed in DPF 3.1 and is not of low-rise nature as outlined in the definition.

The wording of the PO 3.1 does state that development should generally be low rise. The term generally does imply that there is some degree of flexibility in how its applied and that there could be scope to consider buildings that don't fit into this definition. Certainly, there are examples along Highlands Court where Council has supported buildings of 3 levels and even examples of a four-storey dwellings at 15 and 9 Highlands Court. The latter is yet to be built. Whilst a four-storey building on some other allotments on Highlands Court would be deemed excessive, the location of this allotment being the last one on the lower side of Highlands Court and being bigger than other allotments, lends itself to medium-rise built form. The height of the dwelling varies given the slope of the land but the highest point of the roof is 13.6 metres above the lowest natural ground level. The front of the dwelling presents as single storey at street level, however for most part especially when viewed from the side and the rear, the dwelling it is a four-storey design.

The Applicant has also been able to adequately demonstrate that despite the proposed departure in building height, the proposal will not have any overshadowing impacts on adjoining property. Any overlooking concerns have also been adequately addressed through appropriate screening.

Front boundary setbacks along Highlands Court vary however, all of the dwellings approved thus far meet the minimum 3m setback as envisaged by the Code. The main front of the dwelling is setback 3.8 metres from the road boundary with the garage setback at 4.8 metres which satisfies PO 4.1 and DPF 4.1.

The sides of the dwelling are setback a minimum of 1.5m at the closest point from the north/west boundary whilst the rest of the setbacks are significantly more. This technically does not meet DPF 7.1 which seeks that for wall heights exceeding 3 metres a setback of at least 900mm from the boundary of the site plus a distance of 1/3 of the extent to which the height of the wall exceeds 3m from the top of the footings, meaning that the side boundary setback should be 4.36m. Whilst the proposal doesn't satisfy this, we are only talking about a very small portion of the built form whilst the rest of the setback far exceeds the minimum envisaged. On the other hand, setback from the eastern boundary is 6.9m or the width of the 7-metre-wide easement which maintains the separation between the boundaries and allow natural light and ventilation for the neighbours. The setbacks also satisfy the quantitative requirements in DPF 7.1.

The rear boundary setback is 6.6 metres to the balcony and 8.5m to the wall of the house. DPF 8.1 envisages rear setbacks to be 5m plus any increase in wall height over 7m for buildings of 3 building levels and above. Based on this requirement, the proposal would have need a setback of 11.5m. The corresponding PO 8.1 envisages these setbacks to provide separation between buildings in a way that complements the established character of the locality, access to natural light and ventilation for neighbours, open space recreational opportunities, space for landscaping and vegetation. The proposal still provides ample open space and landscaping given the size and configuration of the allotment. The remaining concerns regarding providing building separation and access to sunlight are not relevant in this context. Rear boundary of the subject land backs onto the Council reserve and as such, given that there is no built form there are no concerns with the building separation or natural light and ventilation.

The zone is silent on-site coverage requirements however it is still important to acknowledge that the total footprint of the building is 350m² whilst the total floor area including the garage and the balconies is approximately 1747m². Whilst living area may appear as significant, the footprint of 350m² is not too dissimilar to other built forms in the locality.

CAP MEETING – 11 March 2026

ITEM 8.1

Overlays

Affordable Housing Overlay

Desired Outcomes	
DO1	Affordable housing is integrated with residential and mixed use development.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs:	
DPFs:	

The proposal does not include any affordable housing.

Hazards (Flooding – Evidence Required) Overlay

Desired Outcomes	
DO1	Development adopts a precautionary approach to mitigate potential impacts on people, property, infrastructure and the environment from potential flood risk through the appropriate siting and design of development.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.1	
DPFs: 1.1	

The site is not registered as flood prone nor is there evidence of flooding occurring on site. As such no further investigation was required.

Stormwater Management Overlay

Desired Outcomes	
DO1	Development incorporates water sensitive urban design techniques to capture and re-use stormwater.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.1	
DPFs: 1.1	

The proposed stormwater system includes a 2 x 6000L rainwater tanks. Overflow from the tank will be directed to a drainage easement in the southwestern corner of the site.

The rainwater tank capacity satisfies DPF 1.1 of the Stormwater Management Overlay and it has been demonstrated that the proposed development will not adversely impact on the existing local stormwater system. As the proposal is considered to satisfy the provisions of the Overlay, Council's Engineering have in the past advised that compliance with the Stormwater Management Overlay is enough to satisfy Council's requirements and as such no further review of the stormwater management plan was undertaken.

The standard condition from Practice Direction 12 for installation of stormwater tanks is included in the recommendation as Condition 7.

CAP MEETING – 11 March 2026

ITEM 8.1

Traffic Generating Development Overlay

Desired Outcomes	
DO1	Safe and efficient operation of Urban Transport Routes and Major Urban Transport Routes for all road users.
DO2	Provision of safe and efficient access to and from urban transport routes and major urban transport routes.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.1, 1.2 and 1.3	
DPFs: 1.1, 1.2 and 1.3	

The subject land does not have access to a State Maintained Road and the proposed dwelling will have a negligible impact on traffic generation.

The proposal will not impact on the State Maintained Road network.

Urban Tree Canopy Overlay

Desired Outcomes	
DO1	Residential development preserves and enhances urban tree canopy through the planting of new trees and retention of existing mature trees where practicable.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.1	
DPFs: 1.1	

The applicant has provided a basic landscape plan that includes one large tree being *Corymia henryi* (Spotted Gum) along with another seven smaller trees and associated shrubs and ground covers as specified on the planting schedule. The plantings exceed the minimum requirements specified in DPF 1.1 in the Urban Tree Canopy Overlay. The standard condition from Practice Direction 12 for tree planting is included in the recommendation as Condition 3 and replacement planting if the landscaping dies or becomes diseased is required by recommended Condition 10.

Water Resources Overlay

Desired Outcomes	
DO1	Protection of the quality of surface waters considering adverse water quality impacts associated with projected reductions in rainfall and warmer air temperatures as a result of climate change.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.1, 1.2, 1.5 and 1.7	
DPFs: 1.5	

There are no watercourses that traverse the site. The policies in this Overlay are therefore not applicable.

General Development Policies

Design in Urban Areas

CAP MEETING – 11 March 2026

ITEM 8.1

Desired Outcomes	
DO1	<p>Development is:</p> <ul style="list-style-type: none"> a) contextual - by considering, recognising and carefully responding to its natural surroundings or built environment and positively contributes to the character of the immediate area b) durable - fit for purpose, adaptable and long lasting inclusive - by integrating landscape design to optimise pedestrian and cyclist usability, privacy and equitable access, and promoting the provision of quality spaces integrated with the public realm that can be used for access and recreation and help optimise security and safety both internally and within the public realm, for occupants and visitors c) sustainable - by integrating sustainable techniques into the design and siting of development and landscaping to improve community health, urban heat, water management, environmental performance, biodiversity and local amenity and to minimise energy consumption.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 6.1, 8.1, 8.2, 8.3, 8.4, 8.5, 10.1, 10.2, 12.1, 12.2, 12.3, 12.5, 12.6, 12.8 17.1, 17.2, 18.1, 20.1, 20.2, 20.3, 21.1, 21.2, 22.1, 26.1, 27.1 and 28.1	
DPFs: 6.1, 8.1, 8.2, 10.1, 10.2, 12.5, 12.6, 17.1, 17.2, 18.1, 20.1, 20.2, 21.2, 21.2, 22.1, 26.1, 27.1 and 28.1	

The proposed garage will not dominate the dwelling façade or detract from the streetscape as it is located one metre behind the main front wall and has a door opening of 6.5 metres. PO 20.1 of Design in Urban Areas is satisfied.

The front façade does not include windows to facilitate passive surveillance of the adjacent public realm. Whilst the proposal doesn't directly satisfy PO 17.1, in this instance it is considered difficult to do due to the site constraints. Whilst the site frontage is 16.8m, approximately 7m is not usable due to the easement. Considering the location of the allotment and the fact that at least 8 parking spaces are required, Council considers that in this instance due to the site difficulty and balancing the carparking issues with the streetscape elevation, it was deemed more appropriate to ensure adequate parking is provided. A large front entrance has been provided that addresses the street and provides a legible entry point, satisfying PO 17.2.

The proposed plans indicate that the west facing elevated windows and east and west facing balconies have an obscure glass to a height of at least 1.7 metres above the finished floor. Similarly, the sides of the rear balcony have solid privacy screening to a height of 1.7 metres and this is reinforced by recommended Conditions 8 and 9). These measures will mitigate direct overlooking into the neighbouring properties. While the upper-level windows have views towards the neighbouring property to the east, council did not see it as necessary to seek privacy treatment given that the area being overlooked is the rear portion of a large rural site and area which is not considered as direct private open space (POS) area. The proposal adequately mitigates direct overlooking to habitable rooms and private open spaces of adjoining properties in accordance with PO 10.1. PO 28.1 further seeks that residential accommodation within multi-level buildings have habitable rooms, windows and balconies designed and positioned to be separated from those of other dwellings and accommodation to provide visual and acoustic privacy and allow for natural ventilation and the infiltration of daylight into interior and outdoor spaces. The proposal archives the requirements of the PO providing adequate screening to the balconies and also by providing sufficient separation from allotment boundaries to maintain acoustic privacy whilst maintaining natural light and ventilation.

The external design of the building is of high standard and one which appropriately responds to the local context. From streetscape perspective the building appears alike any other in the streetscape as a single level building of appropriate external colours and finishes. Internally, the building expands to a four-storey profile with expansive glazing and wrap around balconies which break up and reduce visual mass of the buildings. All the plant and mechanical equipment have also been integrated into the design to ensure it is screened from public realm. The proposal is therefore consistent with POs 12.1, 12.2, 12.3, 12.5, 12.6 and 12.8.

CAP MEETING – 11 March 2026

ITEM 8.1

PO 26.1 for medium rise development seeks that ground level dwellings have a satisfactory short range visual outlook to public, communal or private open spaces. The corresponding DPF's lists ways that this could be achieved. The proposal does not satisfy what is specified in the DPF however it is still considered to partially achieves the intent of the PO because it provides an outlook towards the private open space area but fails to do the same towards the street.

The dwelling will be provided with sufficient private open space that satisfies and exceeds the requirements of the Table 1 of the General Policies (Design in Urban Areas) and is directly accessible to living areas on the ground level. Suitable private open space for entertaining, clothes drying and other domestic functions is therefore provided for occupants of the dwelling as sought by PO 21.1, 21.2 and 27.1.

Retaining walls are to be provided along sections of the side and rear boundaries and internally to stabilise the earthworks. The retaining walls vary between 0.2 and 2.8 metres in height with good neighbour fencing at a height of 1.8 metres to be erected on top of the retaining walls. For most part retaining walls are within the envisaged 1m as stipulated by DPF 8.1, however there are sections of the wall that do exceed that by maximum of 700mm. There is one small area which will include a 2.8m high wall internal to the site and hidden by the built form. On balance, the proposed earthworks and retaining is reasonable from a visual amenity perspective. It is also important to point out that due to the topography of the land, earthworks and retaining walls are a common feature along Highlands Court. Overall, the proposed earthworks, retaining and fencing will "maintain privacy and security without unreasonably impacting visual amenity and adjoining land's access to sunlight or the amenity of public places" as sought by PO 9.1 and 9.2 General Policies (Design in Urban Areas).

Interface between Land Uses

Desired Outcomes	
DO1	Development is located and designed to mitigate adverse effects on or from neighbouring and proximate land uses.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 3.1, 3.2 and 3.3	
DPFs: 3.1 and 3.2	

Given the four-storey scale of the development shadow diagrams were requested to demonstrate the level of overshadowing during 21 June winter solstice. The diagrams demonstrate that the adjoining property to the north/west will only experience a small level of overshadowing at 9am. Whilst the major extent of overshadowing will be along the Council reserve and neighbouring property to the east, however this area does not appear to be an immediate POS area and overshadowing is shown to be only around 3pm.

The adjoining properties will therefore continue to receive at least three hours of sunlight to the north-facing habitable windows and rear yards during the winter solstice as sought by PO 3.1 and 3.2 of the General Development Policies (Interface between Land Uses) are satisfied.

Site Contamination

Desired Outcomes	
DO1	Ensure land is suitable for the proposed use in circumstances where it is, or may have been, subject to site contamination.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.1	
DPFs: 1.1	

As the allotment was initially divided for residential purposes as part of the Land Division Application 473/D049/15 and has not been used for any other land uses since that time, the application is not considered to result in a change in land use to a more sensitive use as per Part 5 (5) (d) of *PRACTICE DIRECTION 14 - Site Contamination Assessment 2021*.

CAP MEETING – 11 March 2026

ITEM 8.1

Transport, Access and Parking

Desired Outcomes	
DO1	A comprehensive, integrated and connected transport system that is safe, sustainable, efficient, convenient and accessible to all users.
Performance Outcomes (PO) & Deemed to Satisfy (DTS)/Designated Performance Feature (DPF) criteria	
POs: 1.4, 3.1, 3.5, 4.1, 5.1, 6.1 and 6.2	
DPFs: 1.4, 3.1, 3.5, 5.1 and 6.1	

Access to the site will be directly from Highlands Court utilising an existing rollover kerb. The crossover location and design, and the driveway gradients would facilitate safe and convenient access.

When assessed against Table 1 – General Off-Street Car Parking Requirements, there is a requirement for at least two car parking spaces for a dwelling, with one space to be covered. As a result, in the reduction of levels and the increase in the garage size, the proposal has demonstrated 9 carparking spaces which is seven above the minimum requirement.

The proposal satisfies PO 5.1 and 10.1 of the General Development Policies (Transport, Access and Parking) and PO 23.1, 23.3, 23.4 and 23.5 (Design in Urban Areas).

CONSIDERATION OF SERIOUSLY AT VARIANCE

Having considered the proposal against the relevant provisions of the Planning and Design Code, the proposal is not considered to be seriously at variance for the following reasons:

- The proposed dwelling is an envisaged land use in the Housing Diversity Neighbourhood Zone.
- The proposed built form is sufficiently compatible with the local context and appropriate for the subject land irrespective of not being low rise.
- It has been reasonably demonstrated that the proposal would not adversely impact upon the amenity of adjoining properties and the dwelling will present as single storey at street level.
- The development includes safe and convenient access and adequate car parking.

CONCLUSION

Having considered the proposal against the relevant provisions of the Planning and Design Code, the proposal is not seriously at variance.

The proposed dwelling is a desirable form of development within the Housing Diversity Neighbourhood Zone.

Whilst the size of the building is above that envisaged by the policies and technically not considered as low rise, the size, scale and design of the dwelling is consistent with the local context, which is characterised by large and visually prominent buildings of two, three and in limited cases four storey nature. Whilst a four-storey building on some other allotments on Highlands Court would be deemed excessive, the location of this allotment being the last one on the lower side of Highlands Court and its larger size than other allotments, lends itself to a medium- rise built form.

It has been demonstrated that adequate provision is made for private open space, landscaping and on-site car parking. At the same time, matters relating to overlooking and overshadowing have also been addressed. Applicant has shown adequate screening to prevent overlooking towards the north/western neighbour whilst the shadow diagrams have demonstrated that the level of overshadowing is acceptable.

CAP MEETING – 11 March 2026

ITEM 8.1

The setback from all allotment boundaries ensure that the proposed dwelling whilst being 4 levels is not going to impact on the amenity of neighbouring properties.

For these reasons, the proposal would achieve the relevant Desired and Performance Outcomes for the Housing Diversity Neighbourhood Zone and meet the relevant Overlays and general policies of the Code, thus warranting Planning Consent subject to conditions.

RECOMMENDATION

It is recommended that the Council Assessment Panel resolve that:

- 1) Pursuant to Section 107(2)(c) of the Planning, Development and Infrastructure Act 2016, and having undertaken an assessment of the application against the Planning and Design Code, the application is NOT seriously at variance with the provisions of the Planning and Design Code; and**
- 2) Development Application Number 25018635 by Fuhui Capital Pty Ltd ATF Fuhui Family Trust for 4 storey detached dwelling, retaining walls, fence, swimming pool & associated safety features at 12 Highland Court, Woodforde is granted Planning Consent subject to the following conditions:**

CONDITIONS

Planning Consent

- 1) The development granted shall be undertaken and completed in accordance with the stamped plans and documentation, except where varied by conditions below.**
- 2) The dwelling approved herein may only be used as a detached dwelling and, in keeping with this requirement, the levels within the approved dwelling may not be divided or physically separated or partitioned off from each other without a further approval.**
- 3) Tree(s) must be planted and/or retained in accordance with DTS/DPF 1.1 of the Urban Tree Canopy Overlay in the Planning and Design Code (as at the date of lodgement of the application). New trees must be planted within 12 months of occupation of the dwelling(s) and maintained.**
- 4) All external materials and finishes shall be of subdued colours and of a low-light reflective nature which blend with the natural features of the landscape.**

NOTE: browns, greys, greens and beige are suitable and galvanised iron and zincalume are not suitable.

- 5) Stormwater management shall be undertaken in accordance with the Civil and Stormwater Plan Level 3 prepared by Intrax Land and dated 17.02.2026, drawing number C103. All roof runoff generated by the development hereby approved shall be directed to the Council drainage easement within one month of roof cladding being stalled to the satisfaction of Council.**
- 6) Prior to commencement of work, straw bales (or other soil erosion control methods as approved by Council) shall be placed and secured below areas of excavation and fill to prevent soil moving off the site during construction.**

CAP MEETING – 11 March 2026

ITEM 8.1

- 7) Rainwater tank(s) must be installed in accordance with DTS/DPF 1.1 of the Stormwater Management Overlay in the Planning and Design Code (as at the date of lodgement of the application) within 12 months of occupation of the dwelling(s).**
- 8) The east and west facing balconies of the dwelling on levels 1, 2 and 3 shall be fitted with fixed screening to a minimum height of 1.7 metres above the balcony floor level. The screening shall be installed prior to occupation and be maintained in good condition at all times.**
- 9) The west facing windows of the dwelling on levels 1, 2 and 3 shall be glazed with fixed obscure glass to a minimum height of 1.7 metres above finished floor level. The glazing of these windows shall be installed prior to occupation and be maintained in good condition at all times.**
- 10) Landscaping, detailed in the landscaping plan and schedule shall be planted in the planting season following occupation and maintained in good health and condition at all times. Any such vegetation shall be replaced in the next planting season if and when it dies or becomes seriously diseased.**

ADVISORY NOTES

General Notes

- 1) No work can commence on this development unless a Development Approval has been obtained. If one or more consents have been granted on this Decision Notification Form, you must not start any site works or building work or change of use of the land until you have received notification that Development Approval has been granted.**
- 2) Appeal rights – General rights of review and appeal exist in relation to any assessment, request, direction or act of a relevant authority in relation to the determination of this application, including conditions.**
- 3) This Planning Consent is valid for a period of twenty-four (24) months commencing from the date of the decision, subject to the below or subject to an extension having been granted by the relevant authority. If applicable, Building Consent must be obtained prior to expiration of the Planning Consent.**
- 4) Where an approved development has been substantially commenced within 2 years from the operative date of approval, the approval will then lapse 3 years from the operative date of the approval (unless the development has been substantially or fully completed within those 3 years, in which case the approval will not lapse).**
- 5) New pools or spas may only be filled under the authority of a permit from SA Water. The applicant is advised to obtain a permit to fill the pool with water from SA Water before proceeding with the installation of the swimming pool.**

SA Water advises that a permit will not be granted unless proof is provided that a cover has been purchased to prevent water loss through evaporation.
- 6) No spillage of waste shall occur from the storage or use of pool chemicals. Disposal of any chemicals shall only occur at the EPA Household Hazardous Waste Depot (Ph 8204 1947) or through a licensed waste contractor.**

CAP MEETING – 11 March 2026

ITEM 8.1

OFFICER MAKING RECOMMENDATION

Name: Doug Samardzija
Title: Senior Statutory Planner

INTRO

Mr Xu Residence

12 Highlands Court, Woodforde, SA
5072

PROJECT NUMBER: 24024
PROJECT LEAD: James Frolow
CLIENT: Mr Xu
PROJECT STATUS: PLANNING APPROVAL
ISSUE DATE: 2025.09.22

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NOTE:
*REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN

GENERAL LEGEND	
CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01, MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01, REFER SELECTIONS SCHEDULE

GROUND FLOOR PLAN
1:100



NOTE:
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GENERAL LEGEND	
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BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01, MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01, REFER SELECTIONS SCHEDULE

LEVEL 1
1:100

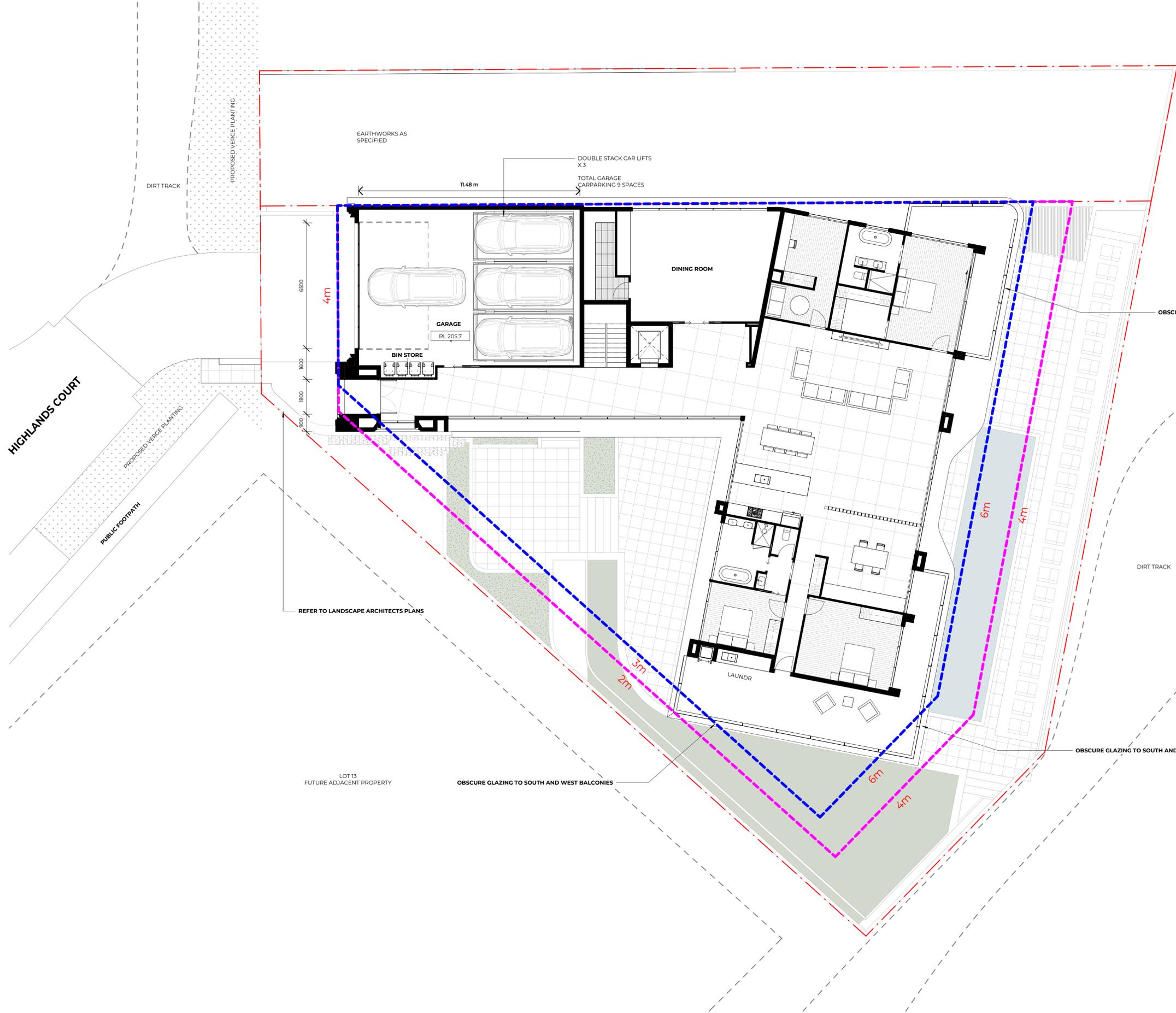


NOTE:
*REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN

GENERAL LEGEND	
CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01, MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01, REFER SELECTIONS SCHEDULE

LEVEL 2
1:100

PLANNING APPROVAL



OBSURE GLAZING TO SOUTH AND WEST BALCONIES

DIRT TRACK

OBSURE GLAZING TO SOUTH AND WEST BALCONIES

REFER TO LANDSCAPE ARCHITECTS PLANS

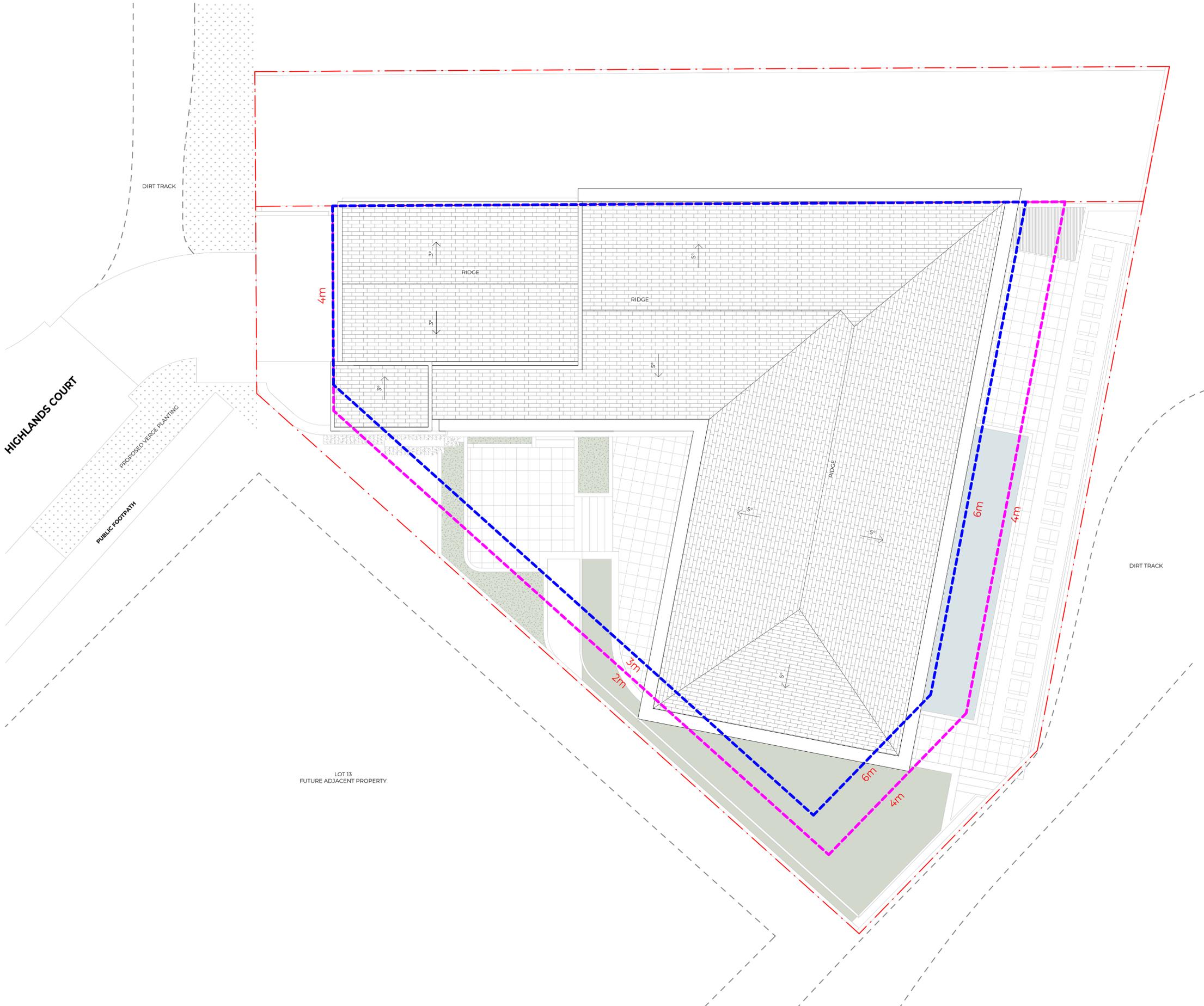
LOT 13
FUTURE ADJACENT PROPERTY

OBSURE GLAZING TO SOUTH AND WEST BALCONIES

NOTE:
*REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN

GENERAL LEGEND	
CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01, MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01, REFER SELECTIONS SCHEDULE

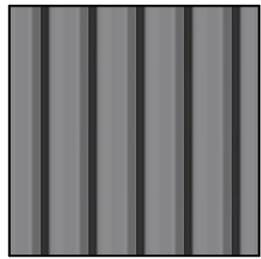
LEVEL 3
1:100



NOTE:
*REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN

GENERAL LEGEND	
CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01, MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01, REFER SELECTIONS SCHEDULE

ROOF
1:100



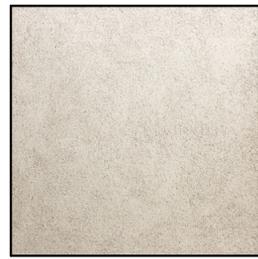
RF.01

DESCRIPTION:

ROOF SHEETING - TRIMDEK (OR SIMILAR)

FINISH:

COLORBOND BASALT (OR SIMILAR)
SOLAR ABSORPTANCE VALUE 0.67



CON.01

DESCRIPTION:

CONCRETE

FINISH:

SMOOTH COLOURED FINISH - MATCHED TO CLD.01 (OR SIMILAR)



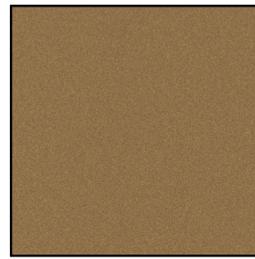
PC.01

DESCRIPTION:

POWDERCOAT ALUMINIUM

FINISH:

TO MATCH COLORBOND DUNE (OR SIMILAR)



PC.02

DESCRIPTION:

POWDERCOAT ALUMINIUM - ACCENT

FINISH:

DULUX ELECTRO - GOLD KINETIC (OR SIMILAR)



CLD.01

DESCRIPTION:

TRAVERTINE FACADE CLADDING (OR SIMILAR)

FINISH:

NATURAL TRAVERTINE STONE (OR SIMILAR)



GT.01

DESCRIPTION:

WINDOW GLAZING SYSTEM

FINISH:

GLAZING: OPAQUE HEIGHT PER COUNCIL REQUIREMENTS
FRAME: PC.01 (OR SIMILAR)



DT.01

DESCRIPTION:

CUSTOM FRAMED GARAGE DOOR

FINISH:

CUSTOM FRAMED DOOR PC.02 (OR SIMILAR)



BAL.01

DESCRIPTION:

BALUSTRADE - HARKK VIEW WITH HANDRAIL (OR SIMILAR)

FINISH:

FRAMING: PC.02
GLAZING: OPAQUE (FOR PRIVACY)



BAL.02

DESCRIPTION:

BALUSTRADE - STEEL BALUSTRADE (OR SIMILAR)

FINISH:

FRAMING: PC.01

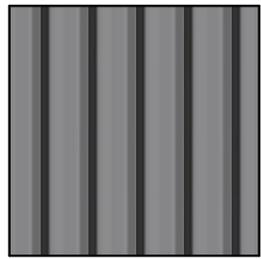


OBSCURE GLAZING TO SOUTH AND WEST BALCONIES

NOTE:
*REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN

GENERAL LEGEND	
CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01, MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01. REFER SELECTIONS SCHEDULE

NORTH ELEVATION
1 : 100



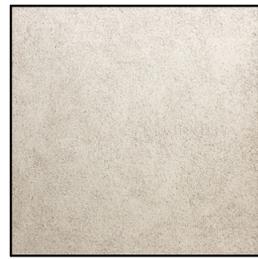
RF.01

DESCRIPTION:

ROOF SHEETING - TRIMDEK (OR SIMILAR)

FINISH:

COLORBOND BASALT (OR SIMILAR)
SOLAR ABSORPTANCE VALUE 0.67



CON.01

DESCRIPTION:

CONCRETE

FINISH:

SMOOTH COLOURED FINISH - MATCHED TO CLD.01 (OR SIMILAR)



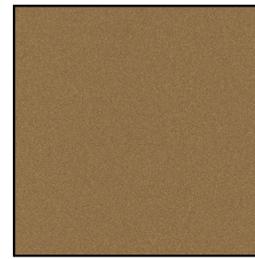
PC.01

DESCRIPTION:

POWDERCOAT ALUMINIUM

FINISH:

TO MATCH COLORBOND DUNE (OR SIMILAR)



PC.02

DESCRIPTION:

POWDERCOAT ALUMINIUM - ACCENT

FINISH:

DULUX ELECTRO - GOLD KINETIC (OR SIMILAR)



CLD.01

DESCRIPTION:

TRAVERTINE FACADE CLADDING (OR SIMILAR)

FINISH:

NATURAL TRAVERTINE STONE (OR SIMILAR)



GT.01

DESCRIPTION:

WINDOW GLAZING SYSTEM

FINISH:

GLAZING: OPAQUE HEIGHT PER COUNCIL REQUIREMENTS
FRAME: PC.01 (OR SIMILAR)



DT.01

DESCRIPTION:

CUSTOM FRAMED GARAGE DOOR

FINISH:

CUSTOM FRAMED DOOR PC.02 (OR SIMILAR)



BAL.01

DESCRIPTION:

BALUSTRADE - HARKK VIEW WITH HANDRAIL (OR SIMILAR)

FINISH:

FRAMING: PC.02
GLAZING: OPAQUE (FOR PRIVACY)



BAL.02

DESCRIPTION:

BALUSTRADE - STEEL BALUSTRADE (OR SIMILAR)

FINISH:

FRAMING: PC.01



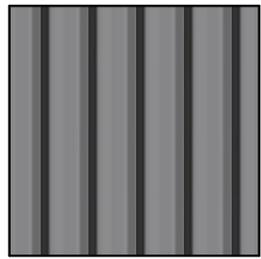
NOTE:
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GENERAL LEGEND	
CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01. MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01. REFER SELECTIONS SCHEDULE

EAST ELEVATION
1 : 100

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PLANNING APPROVAL



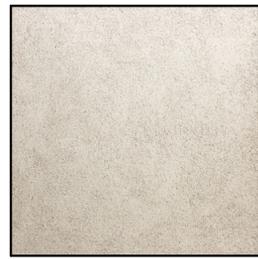
RF.01

DESCRIPTION:

ROOF SHEETING - TRIMDEK (OR SIMILAR)

FINISH:

COLORBOND BASALT (OR SIMILAR)
SOLAR ABSORPTANCE VALUE 0.67



CON.01

DESCRIPTION:

CONCRETE

FINISH:

SMOOTH COLOURED FINISH - MATCHED TO CLD.01 (OR SIMILAR)



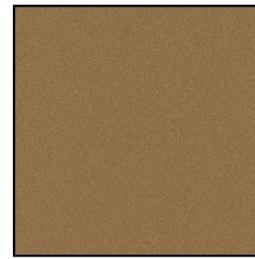
PC.01

DESCRIPTION:

POWDERCOAT ALUMINIUM

FINISH:

TO MATCH COLORBOND DUNE (OR SIMILAR)



PC.02

DESCRIPTION:

POWDERCOAT ALUMINIUM - ACCENT

FINISH:

DULUX ELECTRO - GOLD KINETIC (OR SIMILAR)



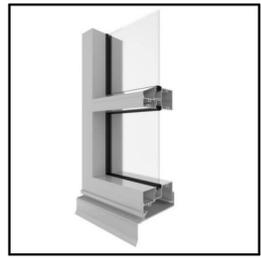
CLD.01

DESCRIPTION:

TRAVERTINE FACADE CLADDING (OR SIMILAR)

FINISH:

NATURAL TRAVERTINE STONE (OR SIMILAR)



GT.01

DESCRIPTION:

WINDOW GLAZING SYSTEM

FINISH:

GLAZING: OPAQUE HEIGHT PER COUNCIL REQUIREMENTS
FRAME: PC.01 (OR SIMILAR)



DT.01

DESCRIPTION:

CUSTOM FRAMED GARAGE DOOR

FINISH:

CUSTOM FRAMED DOOR PC.02 (OR SIMILAR)



BAL.01

DESCRIPTION:

BALUSTRADE - HARKK VIEW WITH HANDRAIL (OR SIMILAR)

FINISH:

FRAMING: PC.02
GLAZING: OPAQUE (FOR PRIVACY)



BAL.02

DESCRIPTION:

BALUSTRADE - STEEL BALUSTRADE (OR SIMILAR)

FINISH:

FRAMING: PC.01

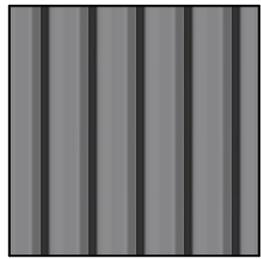


SOUTH ELEVATION
1:100

NOTE:
*REFER TO LANDSCAPE DRAWINGS FOR LANDSCAPE DESIGN

GENERAL LEGEND

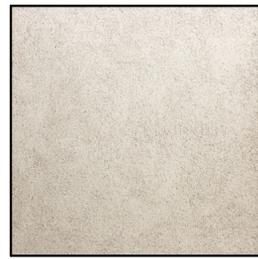
CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
BAL.01	BALUSTRADE TYPE 01
CLD.01	CLADDING TYPE 01, MF.01
CON.01	CONCRETE TYPE 01
DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01. REFER SELECTIONS SCHEDULE



RF.01

DESCRIPTION:
ROOF SHEETING - TRIMDEK (OR SIMILAR)

FINISH:
COLORBOND BASALT (OR SIMILAR)
SOLAR ABSORPTANCE VALUE 0.67



CON.01

DESCRIPTION:
CONCRETE

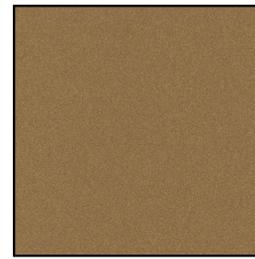
FINISH:
SMOOTH COLOURED FINISH - MATCHED TO CLD.01 (OR SIMILAR)



PC.01

DESCRIPTION:
POWDERCOAT ALUMINIUM

FINISH:
TO MATCH COLORBOND DUNE (OR SIMILAR)



PC.02

DESCRIPTION:
POWDERCOAT ALUMINIUM - ACCENT

FINISH:
DULUX ELECTRO - GOLD KINETIC (OR SIMILAR)



CLD.01

DESCRIPTION:
TRAVERTINE FACADE CLADDING (OR SIMILAR)

FINISH:
NATURAL TRAVERTINE STONE (OR SIMILAR)



GT.01

DESCRIPTION:
WINDOW GLAZING SYSTEM

FINISH:
GLAZING: OPAQUE HEIGHT PER COUNCIL REQUIREMENTS
FRAME: PC.01 (OR SIMILAR)



DT.01

DESCRIPTION:
CUSTOM FRAMED GARAGE DOOR

FINISH:
CUSTOM FRAMED DOOR PC.02 (OR SIMILAR)



BAL.01

DESCRIPTION:
BALUSTRADE - HARKK VIEW WITH HANDRAIL (OR SIMILAR)

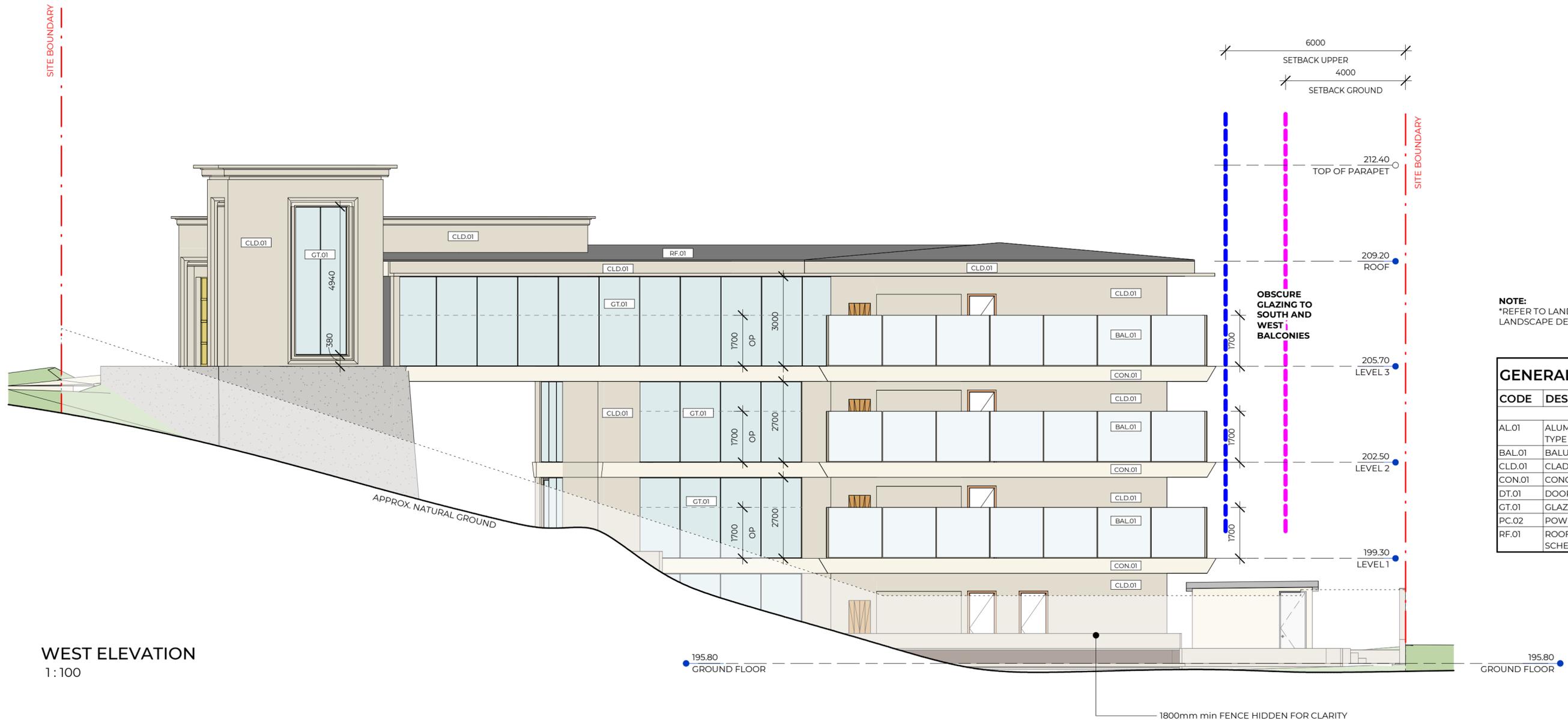
FINISH:
FRAMING: PC.02
GLAZING: OPAQUE (FOR PRIVACY)



BAL.02

DESCRIPTION:
BALUSTRADE - STEEL BALUSTRADE (OR SIMILAR)

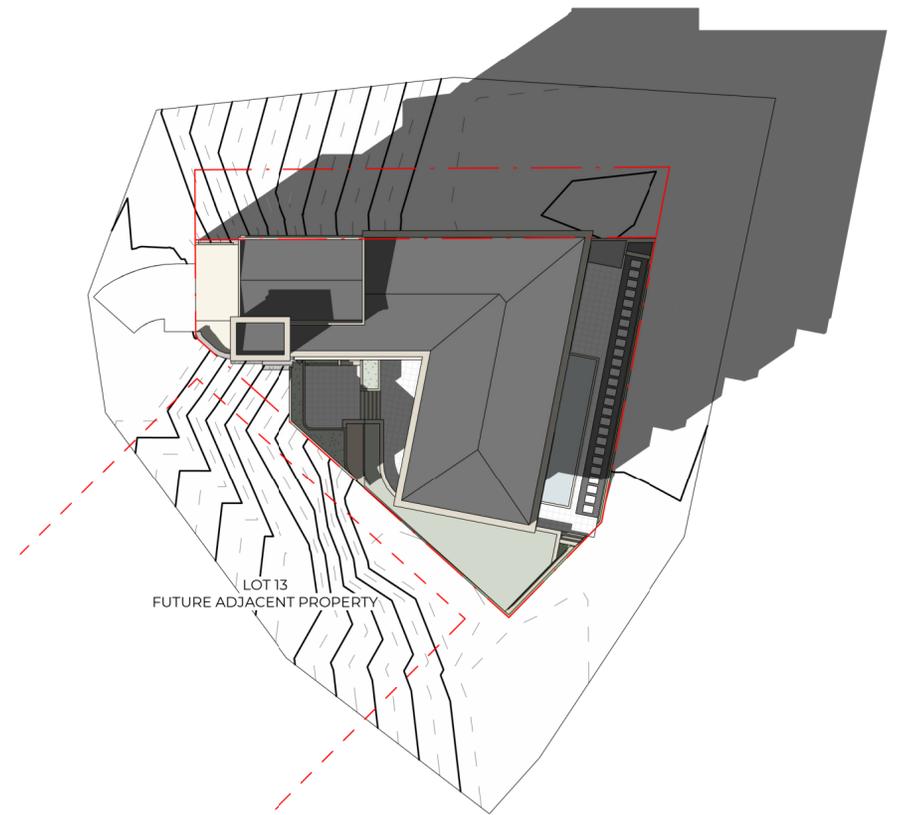
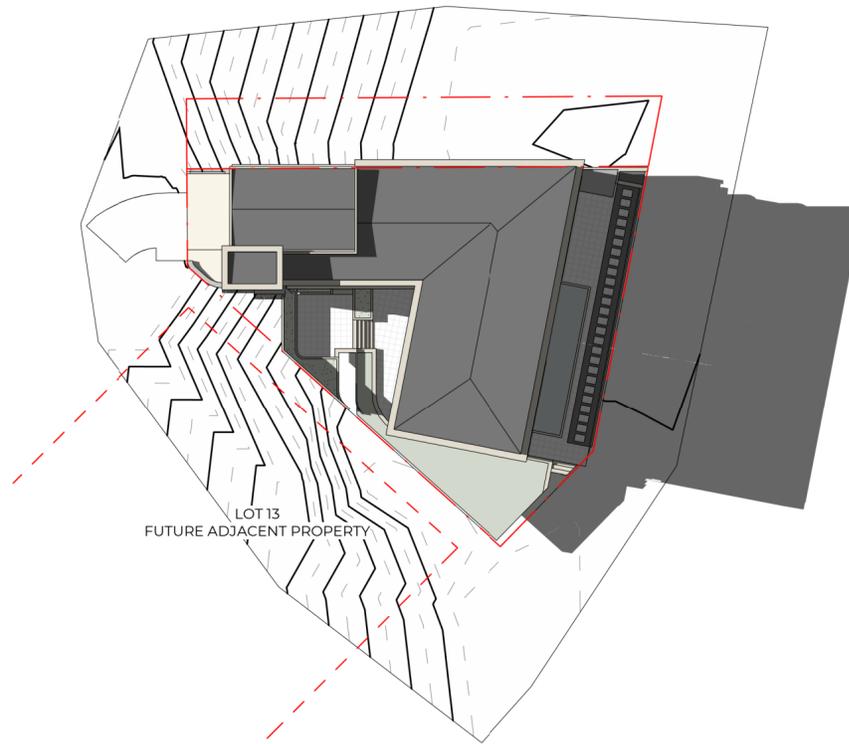
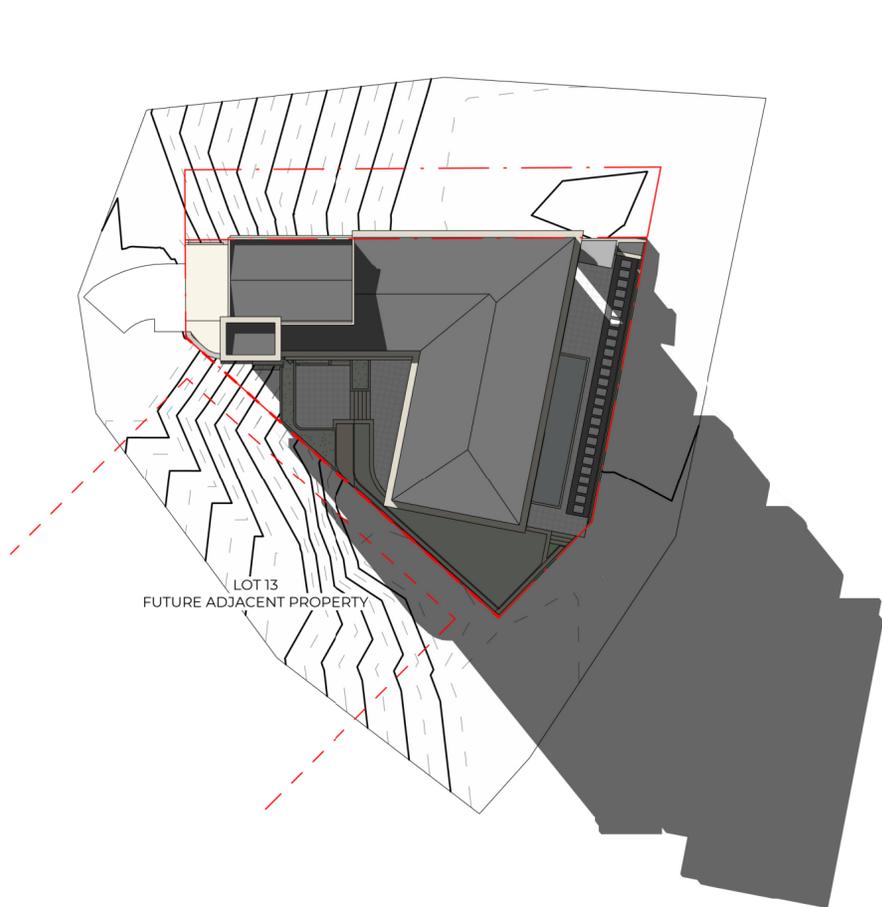
FINISH:
FRAMING: PC.01



NOTE:
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GENERAL LEGEND

CODE	DESCRIPTION
AL.01	ALUMINIUM WINDOW FRAME TYPE 01
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DT.01	DOOR TYPE 01
GT.01	GLAZING TYPE 01
PC.02	POWDERCOAT FINISH TYPE 02
RF.01	ROOF TYPE 01. REFER SELECTIONS SCHEDULE



SHADOW DIAGRAM - JUN 9AM
1:500

SHADOW DIAGRAM - JUN 12PM
1:500

SHADOW DIAGRAM - JUN 3PM
1:500

GENERAL NOTES

- 1.LOCATION AND DEPTH OF UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. NOT ALLSERVICES MAY BE SHOWN AND DETAILS MAY BE INACCURATE. LOCATION AND DEPTH OF SERVICES TO BE DETERMINED BYCONTRACTOR PRIOR TO CONSTRUCTIONCOMMENCING.
2. ALL FENCING TO COMPLY WITH COUNCIL BY-LAWS AND BE APPROVED BY COUNCIL WHERE REQUIRED. FENCING APPROVALS ARE THE RESPONSIBILITY OF THE PROPERTY OWNER. NO WORKS WILL BE CARRIED OUT ON (OR IN RELATION TO) BOUNDARY FENCING WITHOUT PRIOR WRITTEN APPROVALS FROM ADJOINING PROPERTY OWNERS AND ALL REQUIRED COUNCIL APPROVALS. MOON DESIGN GROUP TAKE NO RESPONSIBILITY FOR BOUNDARY DISPUTES. ALL ASSOCIATED COSTS WILL BE PASSED ON TO THE CLIENT.
3. DURING CONSTRUCTION MAINTAIN PLANTS TO BE RETAINED IN GOOD CONDITION, INCLUDING WATERING. KEEP LARGE PLANT TRUNKS & DRIP LINE AREA FREE OF EXCAVATIONS, MATERIAL & DEBRIS. PREVENT PLANT DAMAGE & DO NOT ATTACH ANYTHING TO LARGE PLANTS.
4. ALL LANDSCAPING PLANS TO BE READ IN CONJUNCTION ARCHITECTURAL AND ENGINEERING DRAWINGS. ALL LEVELS AND CROSS FALLS TO ENGINEERING SPECIFICATION.
- 5.INSTALL SEDIMENT AND EROSION CONTROL STRUCTURES PRIOR TO CONSTRUCTION. MAINTAIN THESE STRUCTURES DURING CONSTRUCTION.
- 6.PROVIDE AND MAINTAIN REQUIRED BARRICADES, GUARDS, STANDARD CONSTRUCTION FENCING, TEMPORARY FOOTPATHS AND TRAFFIC FLAGGING. MAKE SURE THAT THE SITE COMPLIES WITH ALL CURRENT WHS REQUIREMENTS.
7. THE WORKS SHALL COMPLY IN ALL ASPECTS WITH THE REQUIREMENTS OF THE RELEVANT COMMONWEALTH, STATE & TERRITORY ACTS, REGULATIONS & CODES. THE IMPLEMENTATION & MAINTENANCE OF THE LANDSCAPE WORKS SHALL CONFORM TO THE LATEST VERSIONS OF THE AUSTRALIAN STANDARDS & NATIONAL CODE OF CONSTRUCTION.
- 8.TENDERERS ARE AT LIBERTY TO SUBMIT ALTERNATIVES TO THE DOCUMENTED DETAILS, PROVIDING A CONFORMING TENDER IS ALSO SUBMITTED.
9. NO DESIGN CHANGES WILL BE ACCEPTED WITHOUT WRITTEN APPROVAL.
10. DRAWINGS MUST BE SUBMITTED FOR REVIEW & APPROVAL PRIOR TO ANY SITWORKS OR FABRICATION COMMENCING.
11. ALL WORKS ARE TO BE IN ACCORDANCE WITH THE NCC/BCA & RELEVANT AUSTRALIAN STANDARDS, INCLUDING BUT NOT LIMITED TO:
 - ELECTRICAL WORKS TO AS.1158, AS.3500 & AS.3008.
 - PLUMBING WORKS TO AS/NZ 3500.
12. CONTRACTOR TO SUPPLY ALL ELECTRICAL AND PLUMBING CERTIFICATES FOLLOWING COMPLETION.
13. ALL ITEMS OR WORKS THAT ARE NOT SPECIFIED MUST BE FIT FOR PURPOSE.
14. CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL STATUTORY APPROVALS PRIOR TO CONSTRUCTION.
15. THE TENDERER MUST TAKE FULL RESPONSIBILITY FOR THE ITEM INCLUDING BUT NOT LIMITED TO THE FOLLOWING ITEMS:
 - ALL ENGINEERING; STRUCTURAL, CIVIL, SERVICES & GEOTECH (IF REQUIRED).
 - DETAILED SHOP DRAWINGS

IRRIGATION

1. IRRIGATION SYSTEM: THE IRRIGATION SYSTEM SHALL BE AN APPROVED SUB-SURFACE IRRIGATION SYSTEM COMPLETE WITH ALL COMPONENTS REQUIRED FOR ITS OPERATION INCLUDING PRESSURE REDUCTION VALVES, INLINE FILTERS, ANTI ROOT GROWTH DISTRIBUTORS AND AUTOMATIC FLUSHING VALVES.
2. BACKFLOW, FLUSHING: BACKFLOW PREVENTION DEVICES TO BE INSTALLED. VACUUM RELEASE AND FLUSHING VALVES TO BE INSTALLED ON EACH ZONE.
3. CONNECTIONS: ALL LOW-DENSITY POLY CONNECTIONS TO BE CLAMPED WITH METAL CLAMPS (HIPPO OR COBRA CLAMPS) LOW VOLTAGE ELECTRICAL CONNECTIONS TO USE GEL CAPS. THREAD TAPE TO BE USED TO ALL THREADS.
4. DRIPLINE: IRRIGATION TO PLANTED BEDS TO BE NETAFIM TECHLINE AS XR 1.6 LPH 0.4M DRIP TUBE @0.3M SPACING. DRIP TUBE LAYOUT AS PER TYPICAL DETAIL.
5. VALVE BOXES: ALL SOLENOID VALVES, PRESSURE RELEASE VALVES, ISOLATION VALVES, BACKFLOW PREVENTION DEVICES AND ANY OTHER ITEMS REQUIRING MAINTENANCE OR ACCESS TO BE HOUSED IN AN IN-GROUND VALVE BOX ALL VALVE BOXES SHALL BE MOUNTED ON PAVERS AND BE FREE OF SOIL AND DEBRIS. TOPS OF VALVE BOXES TO BE 10MM HIGHER THAN FINISHED MULCH LEVEL.
6. TESTING: ALL PIPEWORK SHALL BE TESTED AT THE WORKING PRESSURE FOR A MINIMUM PERIOD OF 30 MINUTES OR HOWEVER LONG IT TAKES TO INSPECT THE SYSTEM.
7. PRODUCT: NETAFIMTECHLINE DRIPLINE IRRIGATION SYSTEM OR EQUIVALENT.
8. INSTALLATION: BURIED SUBSURFACE DRIPLINES WITH GEOTEXTILE TUBE PROTECTION. (DO NOT LAY PIPEWORK ON THE SURFACE AND COVER WITH MULCH). INSTALL IN ACCORDANCE WITH THE MANUFACTURERS RECOMMENDATIONS.
9. DEPTH: BURY DRIPLINES A MINIMUM OF 100MM BELOW FINISHED SURFACE LEVEL.

TREE PROTECTION

TREE PROTECTION STANDARD

CONTRACTOR TO COMPLY WITH AS 4970 - 2009

GENERAL

THE CONTRACTOR IS TO DISPLAY A SIGN IN A PROMINENT POSITION AT EACH ENTRANCE TO THE SITE, WARNING THAT TREES AND PLANTINGS ARE TO BE PROTECTED DURING THE CONTRACT. SIGNAGE IS TO BE INSTALLED AND A PROTECTION MEASURES PROGRAMME SUPPLIED BEFORE COMMENCEMENT OF EARTHWORKS.

TREES TO BE RETAINED

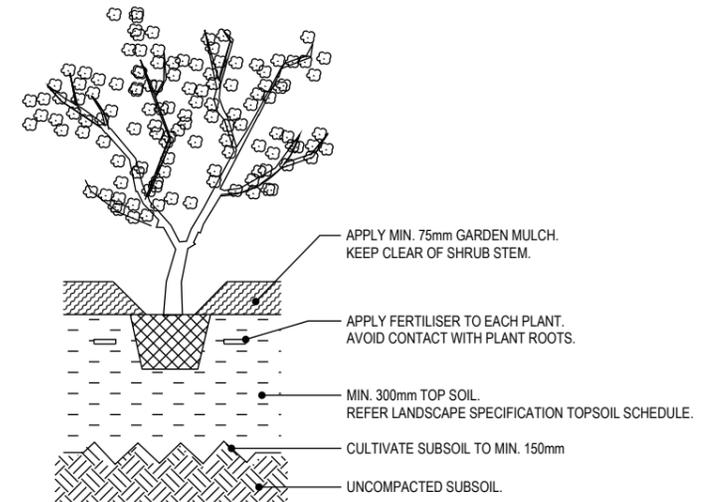
CONTRACTOR TO PREPARE A TREE PROTECTION PLAN BASED ON THE DESIGN ISSUES SET OUT IN AS 4970 SECTION 2 BEFORE COMMENCEMENT OF EARTHWORKS. EXTENT: ALL TREES NOT MARKED FOR REMOVAL.

TREE PROTECTION

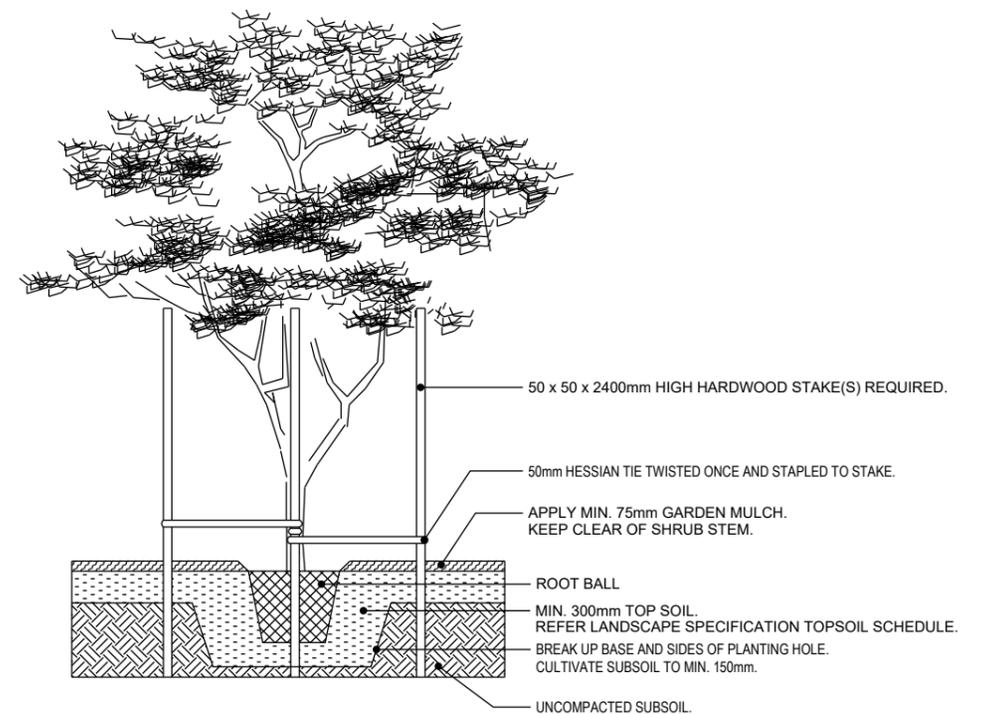
1. TREE PROTECTION ZONE: TO AS 4970 SECTION 3.
2. TREE PROTECTIVE MEASURES: TO AS 4970 SECTION 4.
3. MONITORING AND CERTIFICATION: TO AS 4970 SECTION 5.

WORK NEAR TREES

1. HARMFUL MATERIALS: KEEP THE AREA WITHIN THE DRIPLINE FREE OF SHEDS AND PATHS, CONSTRUCTION MATERIAL AND DEBRIS. DO NOT PLACE BULK MATERIALS AND HARMFUL MATERIALS UNDER OR NEAR TREES. DO NOT PLACE TOPSOIL FROM EXCAVATIONS AGAINST TREE TRUNKS.
2. PREVENT WIND-BLOWN MATERIALS SUCH AS CEMENT FROM HARMING TREES AND PLANTS.
3. DAMAGE: PREVENT DAMAGE TO TREE BARK.
4. WORK UNDER TREES: DO NOT REMOVE TOPSOIL FROM, OR ADD TOPSOIL TO, THE AREA WITHIN THE DRIPLINE OF THE TREES UNLESS OTHERWISE DOCUMENTED AND APPROVED.
5. EXCAVATION: IF EXCAVATION IS REQUIRED NEAR TREES TO BE RETAINED, GIVE NOTICE AND OBTAIN INSTRUCTIONS. OPEN UP EXCAVATIONS UNDER TREE CANOPIES FOR AS SHORT A PERIOD AS POSSIBLE. CONSIDER NOMINATING THRUST BORING TO AVOID SERVICES TRENCHES WITHIN THE PRIMARY ROOT ZONE.
6. HAND METHODS: USE HAND METHODS TO LOCATE, EXPOSE AND CLEANLY REMOVE THE ROOTS ON THE LINE OF EXCAVATION. IF IT IS NECESSARY TO EXCAVATE WITHIN THE DRIP LINE, USE HAND METHODS SUCH THAT ROOT SYSTEMS ARE PRESERVED INTACT AND UNDAMAGED.
7. ROOTS: DO NOT CUT TREE ROOTS EXCEEDING 50 MM DIAMETER. WHERE IT IS NECESSARY TO CUT TREE ROOTS, USE MEANS SUCH THAT THE CUTTING DOES NOT UNDULY DISTURB THE REMAINING ROOT SYSTEM. IMMEDIATELY AFTER CUTTING, WATER THE TREE AND APPLY A LIQUID ROOTING HORMONE TO STIMULATE THE GROWTH OF NEW ROOTS. E.G. FORMULA 20® OR HORMONE 20®.
8. BACKFILLING: BACKFILL TO EXCAVATIONS AROUND TREE ROOTS WITH A MIXTURE CONSISTING OF THREE PARTS BY VOLUME OF TOPSOIL AND ONE PART OF WELL ROTTED COMPOST WITH A NEUTRAL PH VALUE, FREE FROM WEED GROWTH AND HARMFUL MATERIALS.
9. PLACE THE BACKFILL LAYERS, EACH OF 300 MM MAXIMUM DEPTH, COMPACTED TO A DRY DENSITY SIMILAR TO THAT OF THE ORIGINAL OR SURROUNDING SOIL. DO NOT BACKFILL AROUND TREE TRUNKS TO A HEIGHT GREATER THAN 200 MM ABOVE THE ORIGINAL GROUND SURFACE. IMMEDIATELY AFTER BACKFILLING, THOROUGHLY WATER THE ROOT ZONE SURROUNDING THE TREE. COMPACTED GROUND: DO NOT COMPACT THE GROUND OR USE SKID-STEEL VEHICLES UNDER THE TREE DRIPLINE. IF COMPACTION OCCURS, GIVE NOTICE AND OBTAIN INSTRUCTIONS. COMPACTION PROTECTION: PROTECT AREAS ADJACENT THE TREE DRIPLINE. SUBMIT PROPOSALS FOR AN ELEVATED PLATFORM TO SUIT THE PROPOSED EARTHWORKS MACHINERY.
10. WATERING: WATER TREES AS NECESSARY, INCLUDING WHERE ROOTS ARE EXPOSED AT AMBIENT TEMPERATURE > 35°C.



TYPICAL SHRUB PLANTING DETAIL



TYPICAL TREE PLANTING DETAIL

FOR APPROVAL

- Pultenaea pedunculata 'Pyalong Gold' (Matted Bush Pea) x2
- Anigozanthos flavidus (Kangaroo Paw) x2
- Pultenaea pedunculata 'Pyalong Gold' (Matted Bush Pea) x8
- Anigozanthos flavidus (Kangaroo Paw) x8
- Pultenaea pedunculata 'Pyalong Gold' (Matted Bush Pea) x6
- Anigozanthos flavidus (Kangaroo Paw) x4
- Pultenaea pedunculata 'Pyalong Gold' (Matted Bush Pea) x4
- Anigozanthos flavidus (Kangaroo Paw) x2
- Pultenaea pedunculata 'Pyalong Gold' (Matted Bush Pea) x8
- Anigozanthos flavidus (Kangaroo Paw) x9
- Syzygium australe 'Tiny Trev' (Tiny Trev Lilly Pilly) x10
- Syzygium australe 'Tiny Trev' (Tiny Trev Lilly Pilly) x24

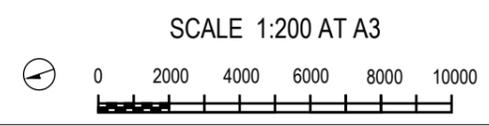
Syzygium australe 'Tiny Trev' (Tiny Trev Lilly Pilly) x24

RANDOM MIX OF:
 Plectranthus argentatus x35
 Arthropodium cirrhatum (New Zealand Rock Lily) x36

- Westringia fruticosa 'Milky Way' (Native Rosemary) x36
- Dianella Variegated 'Flax Lily' x12
- Teucrium fruticans 'Compactum' x15
- Correa alba 'Compact Form' x12

LEGEND

-  MgG=Magnolia grandiflora 'Greenback'
-  WfW=Waterhousea floribunda 'Weeping Lilly Pilly'
-  Hp=Harpullia pendula (Tulipwood)
-  Ss=Stenocarpus sinuatus (Fire Wheel Tree)
-  Ch=Corymbia henryi (Large-leaved Spotted Gum)



MOON DESIGN GROUP
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 11/05/2018
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 www.moon-design.com.au

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LANDSCAPE PLAN

PROJECT: 12 Highlands Court, Woodforde, SA 5072
 CLIENT: Palmary Pty Ltd
 DRAWING NO. S-25-17

REVISION					PAGE
NO.	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE
P1	PRELIMINARY ISSUE	JL	YL	YL	09-06-25
ISSUE	DESCRIPTION	DRAWN	CHECKED	APPROVED	DATE

2
OF
3

FOR APPROVAL

TREES



Harpullia pendula (Tulipwood) 2.5x15m H



Stenocarpus sinuatus (Fire Wheel Tree) 3.5 x 18m H



Corymbia henryi (Large-leaved Spotted Gum) 15 x 20m H



Magnolia grandiflora 'Greenback' 3x8m H



Waterhousea floribunda 'Weeping Lilly Pilly' 3 x 8m H

SHRUBS



Syzygium australe 'Tiny Trev' (Tiny Trev Lilly Pilly) 0.9 x 0.7mH



Anigozanthos flavidus (Kangaroo Paw) 1 x 0.5m H



Arthropodium cirrhatum (New Zealand Rock Lily) 1 x 1m H



Teucrium fruticans 'Compactum' 0.9x 0.9m H



Correa alba 'Compact Form' 1 x0.5m H



Dianella Variegated 'Flax Lily' 0.5 x 0.5m H

GROUNDCOVERS



Plectranthus argentatus 1 x 0.3m H



Pultenaea pedunculata 'Pyalong Gold' (Matted Bush Pea) 1.7x0.2m H



Westringia fruticosa 'Milky Way' (Native Rosemary) 0.3x0.3m H

PLANTING SCHEDULE

NUMBER REQ	PLANT NAME	SCHEDULED SIZE
TREES		
2	Magnolia grandiflora 'Greenback'	250mm
3	Waterhousea floribunda 'Weeping Lilly Pilly'	250mm
1	Harpullia pendula (Tulipwood)	400mm
1	Stenocarpus sinuatus (Fire Wheel Tree)	400mm
1	Corymbia henryi (Large-leaved Spotted Gum)	150L
SHRUBS AND GROUNDCOVERS		
28	Pultenaea pedunculata 'Pyalong Gold' (Matted Bush Pea)	140mm
25	Anigozanthos flavidus (Kangaroo Paw)	140mm
58	Syzygium australe 'Tiny Trev' (Tiny Trev Lilly Pilly)	140mm
35	Plectranthus argentatus	200mm
36	Arthropodium cirrhatum (New Zealand Rock Lily)	200mm
36	Westringia fruticosa 'Milky Way' (Native Rosemary)	140mm
12	Dianella Variegated 'Flax Lily'	140mm
15	Teucrium fruticans 'Compactum'	140mm
12	Correa alba 'Compact Form'	140mm

FOR APPROVAL



F130935

EASEMENT
VALLEY

LEGEND

- BUILDING
- FOOTPATH
- DRIVEWAY PAVEMENT
- LANDSCAPING
- EXISTING MAJOR CONTOUR
- DP1 FLY DOWNPIPE
- GRATED INLET PIT (GIP)
- ROUND PVC GRATE STORMWATER DRAIN
- uPVC STORMWATER PIPE (UNO)
- uPVC 'SEALED' STORMWATER PIPE (UNO)
- RETAINING WALL
- CONCRETE PLINTH
- EXISTING PIPE

- ABBREVIATIONS
- EL. EXISTING LEVEL
 - FL. FINISHED LEVEL
 - TK. TOP OF KERB
 - WT. WATERTABLE
 - PL. PAVEMENT LEVEL
 - CL. COVER LEVEL
 - IL. INVERT LEVEL
 - TRW. TOP OF RETAINING WALL
 - BRW. BOTTOM OF RETAINING WALL
 - RWH. RETAINING WALL HEIGHT

NOTES:

1. ALL STORMWATER PIPES SHALL BE LAID AS PER AS 3500 TO ACHIEVE MINIMUM COVER AND GRADE (0.5% MIN) U.N.O. IF COVER CAN NOT BE ACHIEVED ENCASE PIPE IN 100 THICK CONCRETE.
2. BEDDING AND BACK-FILLING AROUND STORMWATER PIPES SHALL CONFORM TO AS 3725-1989.
3. PROVIDE LAGGING TO ALL PIPE PENETRATIONS THROUGH FOOTING BEAMS.
 - UP TO H1-D CLASS SITE: 20MM THICK LAGGING
 - H2-D & E-D CLASS SITE: 40MM THICK LAGGING
4. SEWER & STORMWATER CONNECTIONS FOR THIS SITE:
 - UP TO M-D CLASS SITE: FLEXIBLE CONNECTIONS NOT REQUIRED
 - H1-D, H2-D & E-D CLASS SITE: FLEXIBLE CONNECTIONS ARE REQUIRED
5. ALL SERVICE LINES ARE SHOWN APPROXIMATELY AND OFFSET ACCORDINGLY FOR DRAFTING PURPOSES. GENERAL LAYOUTS OF THESE SERVICE LINES ARE TO BE FOLLOWED, HOWEVER SPECIFIC OFFSET AND POSITIONING OF THESE LINES IS TO BE DETERMINED BY THE LICENSED INSTALLER ON SITE AT THE TIME OF CONSTRUCTION.
6. " " DENOTES 600L ABOVE GROUND DETENTION TANK. 100% ROOF AREA TO BE DIVERTED TO RAINWATER TANK. TANK FITTED WITH 48mm DIAMETER ORIFICE TO THE OUTLET

SEALED SYSTEM:

1. 'X' DENOTES RISER AND SCREW ON INSPECTION CAP AT FINISH SURFACE LEVEL OR CLEANING EYE IN DOWNPIPE FOR RODDING (AND / OR FLUSHING) PURPOSES AT 'DEAD END' BRANCHES.
2. STORMWATER PIPES TO HAVE A MIN. FALL OF 0.5% (1 IN 200).
3. DO NOT USE SEAMED SHEET METAL DOWN PIPES OR FITTINGS WITH A PRESSURISED SYSTEM.
4. SEALED SYSTEM TO BE CONSTRUCTED TO PRESSURE LINE STANDARD (SOLVENT WELDED JOINTS FOR PVC PIPES) STATIC TESTED BEFORE BACKFILLING.
5. FLUSHING AND MAINTENANCE IS THE RESPONSIBILITY OF THE OWNER.

HIGHLANDS COURT

TBM : Masonry nail in the top of kerb
Adopted elevation = 205.01m A.M.S.L.

PROPOSED BONDEK SLAB OVER CONCRETE/STEEL SUPPORTS, REFER TO STRUCTURAL DETAILS

RW CUT
TRW 196.50
BRW 195.70
RWH 0.8m

RW CUT
TRW 196.70
BRW 195.70
RWH 1.0m

RW
TRW 199.00
BRW 198.60
RWH 0.4m

RW
TRW 199.00
BRW 197.60
RWH 1.4m

RW
TRW 199.50
BRW 196.70
RWH 2.8m

RW CUT
TRW 200.00
BRW 198.40
RWH 1.6m

RW CUT
TRW 198.40
BRW 196.70
RWH 1.7m

RW CUT
TRW 199.00
BRW 198.40
RWH 0.6m

RW
TRW 198.40
BRW 196.70
RWH 1.7m

RW
TRW 198.40
BRW 196.70
RWH 1.7m

RW FILL
TRW 198.40
BRW 197.00
RWH 1.4m

RW
TRW 196.70
BRW 196.20
RWH 0.5m

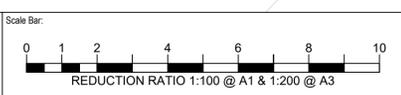
CONCRETE PLINTH FILL
0.2m HIGH

CONCRETE PLINTH FILL
0.2m HIGH

LEVEL 1
FL: 199.30
BL: 199.10

Issue	Date	Amendment	Dr.	App.	Services Consultant
PA	20.06.2025	FOR PLANNING APPROVAL	B.X	LN	
PB	23.10.2025	FOR PLANNING APPROVAL	B.X	LN	
PC	17.02.2026	FOR PLANNING APPROVAL	B.X	LN	

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Ph 1300 INTRAX (468729)
www.intrax.com.au
Intrax Consulting Group
VIC | NSW | SA | QLD



PLANNING APPROVAL
SUBJECT TO COUNCIL APPROVAL

Client:
Palmyr Pty Ltd

Project:
PROPOSED RESIDENTIAL DEVELOPMENT
12 HIGHLANDS COURT WOODFORDE SA 5072

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Drawing Title: CIVIL AND STORMWATER PLAN LEVEL 1	Dwg No: 243419	Issue: C101 PC
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F130935

EASEMENT VALLEY

HIGHLANDS COURT

PROPOSED BONDEK SLAB OVER CONCRETE/STEEL SUPPORTS, REFER TO STRUCTURAL DETAILS

RW CUT
TRW 196.50
BRW 195.70
RWH 0.8m

RW CUT
TRW 196.70
BRW 195.70
RWH 1.0m

RW
TRW 199.00
BRW 198.60
RWH 0.4m

RW
TRW 199.00
BRW 197.60
RWH 1.4m

RW
TRW 199.50
BRW 196.70
RWH 2.8m

RW CUT
TRW 200.00
BRW 198.40
RWH 1.6m

RW CUT
TRW 198.40
BRW 196.70
RWH 1.7m

RW CUT
TRW 199.00
BRW 198.40
RWH 0.6m

RW
TRW 198.40
BRW 196.70
RWH 1.7m

RW
TRW 198.40
BRW 196.70
RWH 1.7m

RW FILL
TRW 198.40
BRW 197.00
RWH 1.4m

RW
TRW 196.70
BRW 196.20
RWH 0.5m

P. 199.20
P. 198.60
P. 197.60

RW
TRW 196.70
BRW 196.20
RWH 0.5m
P. 196.70
DL. 198.40

RW
TRW 196.20
BRW 195.70
RWH 0.5m

DL. 196.20
DL. 196.70
DL. 196.00

CONCRETE PLINTH FILL
0.2m HIGH

LEVEL 2
FL: 202.50
BL: 202.30

RW CUT
TRW 196.25
BRW 195.70
RWH 0.55m

CONCRETE PLINTH FILL
0.2m HIGH

CONCRETE PLINTH FILL
0.2m HIGH

LEGEND

- BUILDING
- FOOTPATH
- DRIVEWAY PAVEMENT
- LANDSCAPING
- EXISTING MAJOR CONTOUR
- DP1 FLY DOWNPIPE
- GRATED INLET PIT (GIP)
- ROUND PVC GRATE STORMWATER DRAIN
- uPVC STORMWATER PIPE (UNO)
- uPVC 'SEALED' STORMWATER PIPE (UNO)
- RETAINING WALL
- CONCRETE PLINTH
- EXISTING PIPE

ABBREVIATIONS

- EL. EXISTING LEVEL
- FL. FINISHED LEVEL
- TK. TOP OF KERB
- WT. WATERTABLE
- PL. PAVEMENT LEVEL
- CL. COVER LEVEL
- IL. INVERT LEVEL
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- BRW. BOTTOM OF RETAINING WALL
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NOTES:

1. ALL STORMWATER PIPES SHALL BE LAID AS PER AS 3500 TO ACHIEVE MINIMUM COVER AND GRADE (0.5% MIN) U.N.O. IF COVER CAN NOT BE ACHIEVED ENCASE PIPE IN 100 THICK CONCRETE.
2. BEDDING AND BACK-FILLING AROUND STORMWATER PIPES SHALL CONFORM TO AS 3725-1989.
3. PROVIDE LAGGING TO ALL PIPE PENETRATIONS THROUGH FOOTING BEAMS.
 - UP TO H1-D CLASS SITE: 20MM THICK LAGGING
 - H2-D & E-D CLASS SITE: 40MM THICK LAGGING
4. SEWER & STORMWATER CONNECTIONS FOR THIS SITE:
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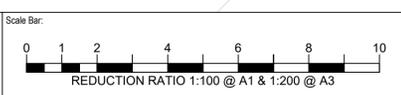
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PLANNING APPROVAL
SUBJECT TO COUNCIL APPROVAL

Client:
Palmyra Pty Ltd

Project:
PROPOSED RESIDENTIAL DEVELOPMENT
12 HIGHLANDS COURT WOODFORDE SA 5072

Drawing Title:
CIVIL AND STORMWATER PLAN LEVEL 2
Job No:
243419
Dwg No:
C102
Issue:
PC

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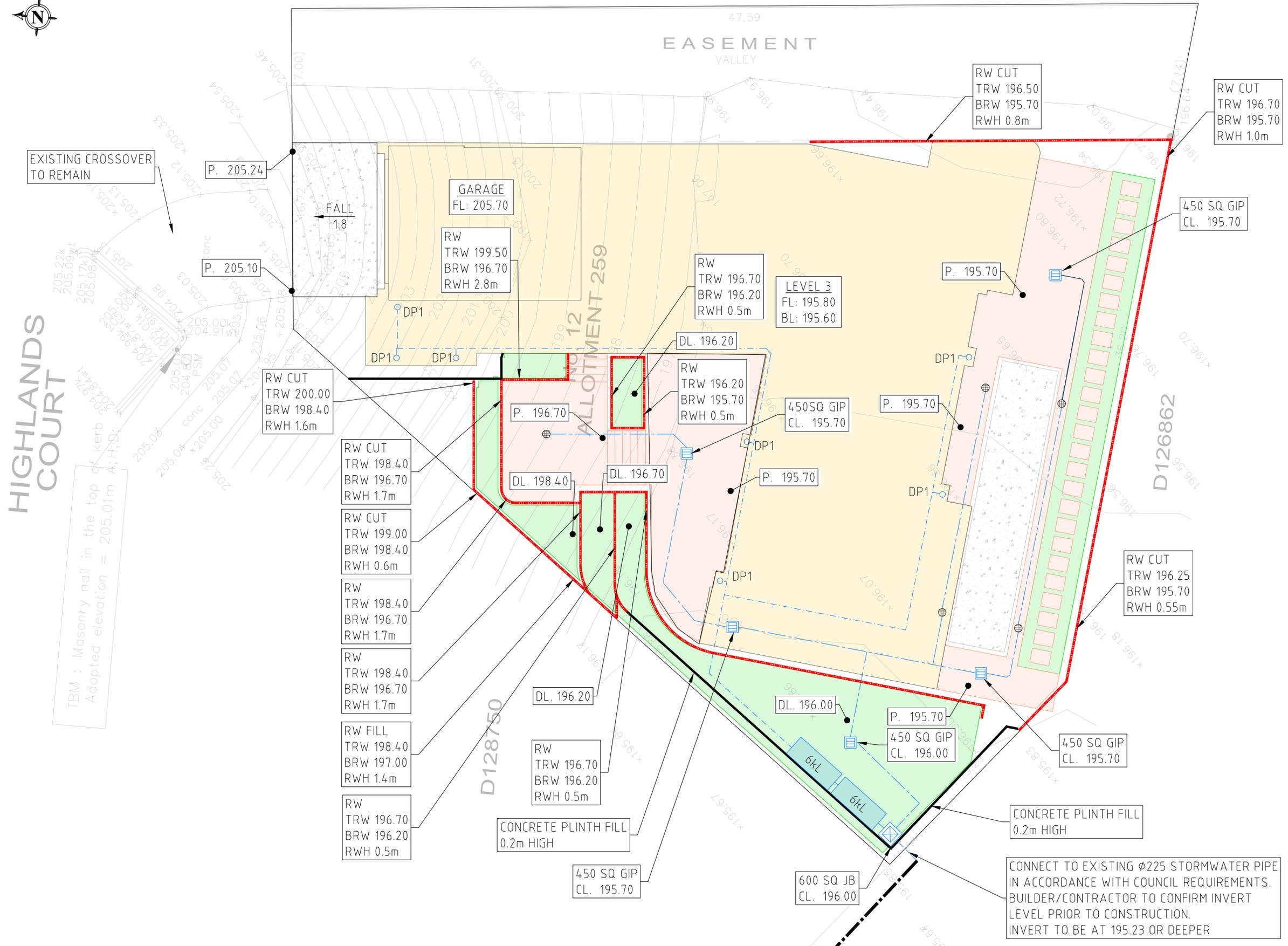
F130935

EASEMENT
VALLEY

EXISTING CROSSOVER
TO REMAIN

HIGHLANDS COURT

TBM : Masonry nail in the top of kerb
Adopted elevation = 205.01m A.H.D.



- LEGEND**
- BUILDING
 - FOOTPATH
 - DRIVEWAY PAVEMENT
 - LANDSCAPING
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 - GRATED INLET PIT (GIP)
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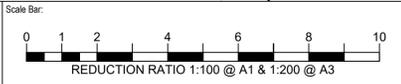
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 6. "6kL" DENOTES 600L ABOVE GROUND DETENTION TANK. 100% ROOF AREA TO BE DIVERTED TO RAINWATER TANK. TANK FITTED WITH 48mm DIAMETER ORIFICE TO THE OUTLET

- SEALED SYSTEM:**
1. "X" DENOTES RISER AND SCREW ON INSPECTION CAP AT FINISH SURFACE LEVEL OR CLEANING EYE IN DOWNPIPE FOR RODDING (AND / OR FLUSHING) PURPOSES AT 'DEAD END' BRANCHES.
 2. STORMWATER PIPES TO HAVE A MIN. FALL OF 0.5% (1 IN 200).
 3. DO NOT USE SEAMED SHEET METAL DOWN PIPES OR FITTINGS WITH A PRESSURISED SYSTEM.
 4. SEALED SYSTEM TO BE CONSTRUCTED TO PRESSURE LINE STANDARD (SOLVENT WELDED JOINTS FOR PVC PIPES) STATIC TESTED BEFORE BACKFILLING.
 5. FLUSHING AND MAINTENANCE IS THE RESPONSIBILITY OF THE OWNER.

CONNECT TO EXISTING Ø225 STORMWATER PIPE IN ACCORDANCE WITH COUNCIL REQUIREMENTS. BUILDER/CONTRACTOR TO CONFIRM INVERT LEVEL PRIOR TO CONSTRUCTION. INVERT TO BE AT 195.23 OR DEEPER

Issue	Date	Amendment	Drf.	App.	Services Consultant
PA	20.06.2025	FOR PLANNING APPROVAL	B.X	LN	
PB	23.10.2025	FOR PLANNING APPROVAL	B.X	LN	
PC	17.02.2026	FOR PLANNING APPROVAL	B.X	LN	

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VIC | NSW | SA | QLD



PLANNING APPROVAL
SUBJECT TO COUNCIL APPROVAL

Client: Palmyr Pty Ltd

Project: PROPOSED RESIDENTIAL DEVELOPMENT
12 HIGHLANDS COURT WOODFORDE SA 5072

Drawing Title: CIVIL AND STORMWATER PLAN LEVEL 3
Job No: 243419
Dwg No: C103
Issue: PC

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Stormwater Management Report

12 HIGHLANDS COURT, WOODFORDE

XU CHENG HUI FAMILY TRUST

Presented By
Bobi Xue
Civil Engineer

Date
17 Feb 2026

Author
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Published
17/02/2026

Document Revision: C
Template Version: Vii
Template Name: Land - Master with
Cover

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Table of Contents

1	Introduction	4
1.1	Overview.....	4
1.2	Existing Site & Stormwater Network.....	4
2	Stormwater Objectives & Strategies	5
2.1	Stormwater Management Strategy.....	5
2.1.1	Underground Drainage System.....	5
2.1.2	Stormwater Detention.....	6
3	Stormwater Modelling & Analysis	6
3.1	DRAINS.....	6
3.1.1	ILSAX hydrological model.....	7
3.1.2	Data source	7
3.1.3	Rainfall Data.....	7
3.1.4	DRAINS Results.....	7
4	Conclusion	10

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Document Revision History

Date	Rev	Author	Approved by	Comments
20.06.25	A	Bobi Xue	Clint Thomas	First Edition
27.10.25	B	Bobi Xue	Clint Thomas	Second Edition
17.02.26	C	Bobi Xue	Clint Thomas	Stormwater Outlet Updated

1 Introduction

1.1 Overview

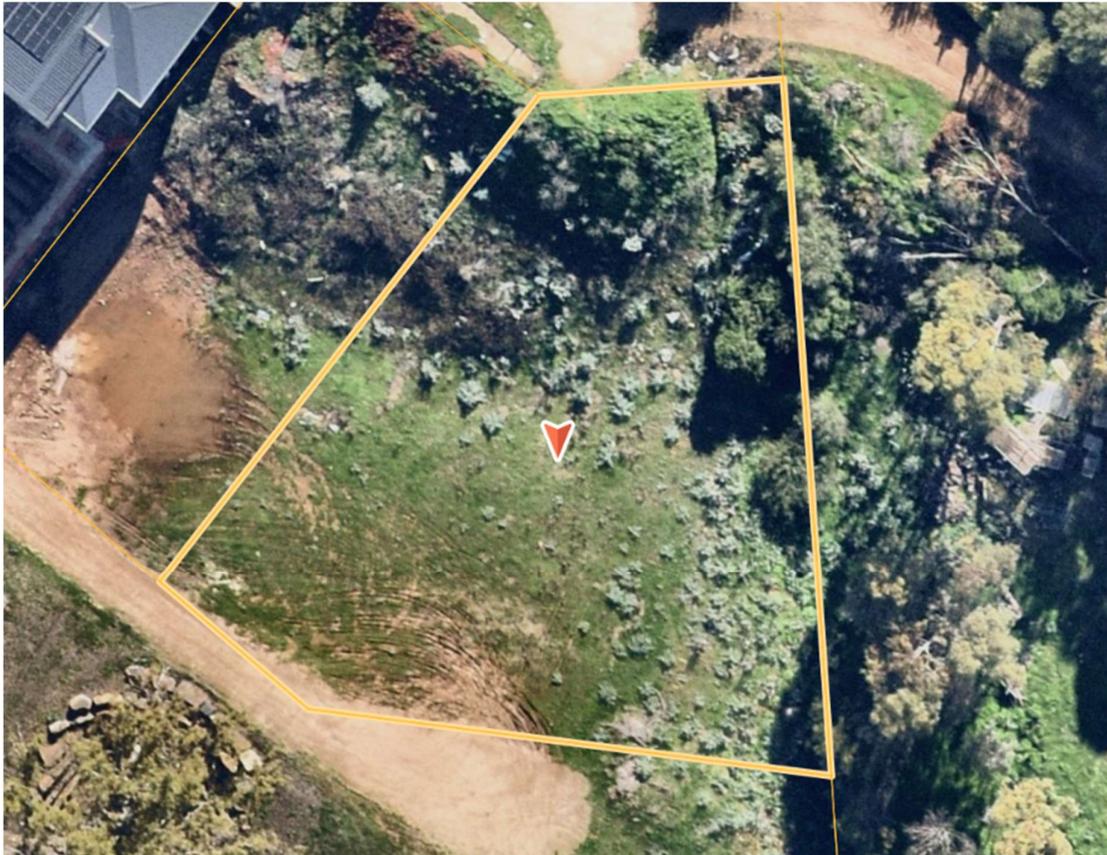
Intrax Consulting Engineers were engaged to prepare this Stormwater Management Report in response to the proposed community residential development at 12 Highlands Court, Woodforde within the Adelaide Hills Council. The development is undertaken on behalf of our client, Xu Cheng Hui Family Trust, with the aim of this report ensuring effective stormwater management in compliance with local and state regulations.

The primary purpose of this report is to outline the stormwater management measures designed to handle rainfall events and associated runoff from the proposed residential development. By addressing the potential challenges associated with stormwater runoff, we aim to safeguard the integrity of the local water resources, minimize the risk of flooding, and adhere to the relevant regulatory requirements set forth by Adelaide Hills Council and other governing bodies.

Should additional information or large departures from the design intent outlined in this report become apparent during detailed design, this report will be updated.

1.2 Existing Site & Stormwater Network

The subject site is currently vacant, with a total area of 1,465 m². A 7 m wide easement for a water main is located along the eastern boundary. The site slopes steeply toward the south, with the southern end approximately 9.4 m lower than the street kerb.



2 Stormwater Objectives & Strategies

The stormwater management strategy for the site has been developed using guidelines contained in the following documents;

- Institution of Engineers Australia publication, "Australian Rainfall and Runoff - 2016";
- Stormwater Drainage Design Guidelines– Adelaide Hills Council.
- AS/NZ 3500 (Plumbing & Drainage code)
- Water sensitive urban design-creating more liveable and water sensitive cities in South Australia.

More specifically, the stormwater management strategy has been prepared with consideration as follows.

- Minor underground stormwater drainage system to be designed to cater for a 20% Annual Exceedance Probability (AEP) post-development event. (20% AEP corresponds to 5-year ARI).
- Major underground stormwater drainage system to be designed to cater for a 1% Annual Exceedance Probability (AEP) post-development event. (1% AEP corresponds to 100-year ARI).
- Stormwater discharge from site for storm events including a 20% AEP and 1% AEP, to be limited to predevelopment flows of 20% AEP and 1% AEP.
- Water sensitive urban design measures to be reviewed and provided before discharging into the downstream watercourse. The runoff discharging from the site needs to meet the runoff quality standard as per Environmental Protection Authority (EPA) requirements.
- Ensure that the proposed development will not impact adversely on the surrounding environment and existing residences during and after construction.

2.1 Stormwater Management Strategy

2.1.1 Underground Drainage System

There is an existing 225 mm diameter stormwater pipe running through the rear road reserve. Stormwater runoff from the site is proposed to connect to the existing discharge point at the rear.



2.1.2 Stormwater Detention

To limit the post development discharge from the site to allowable flow rates, 2 above ground rainwater tanks are proposed to capture and detain 100% of the roof stormwater.

3 Stormwater Modelling & Analysis

The proposed development conditions were analysed establish of storm durations from the minor 20% AEP to the major 1% AEP storm events, using DRAINS to established and determine the pre- and post-development flow rates. These flow rates were used to determine the detention requirements for the proposed development.

3.1 DRAINS

The hydrological and hydraulic modellings for pre-development and post-development scenarios are modelled in DRAINS using ILSAX hydrological model. The aims of the modelling are to determine the 20% AEP and 1% AEP pre-development flow rate, catchment flow rates, design new drainage systems within the site, and size the detention tank to restrict the post-development flow rate to 20% AEP and 1% AEP pre-development condition.

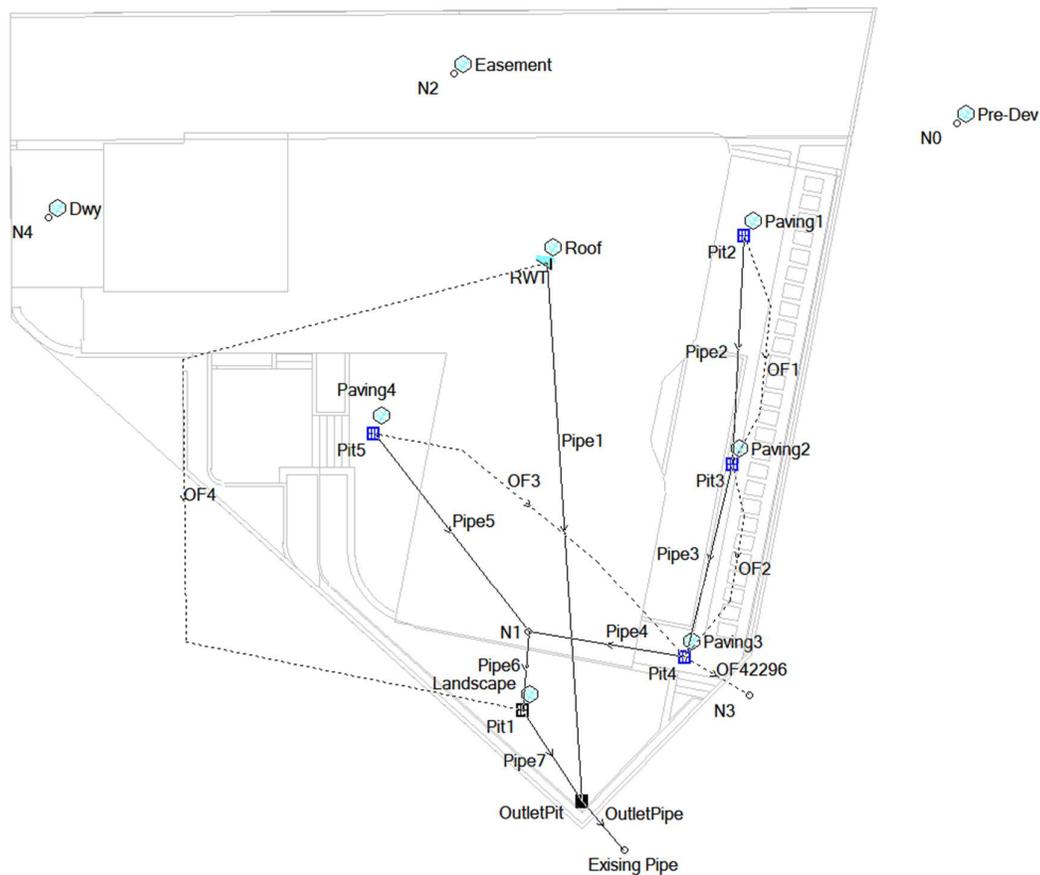


Figure 1.0 – DRAINS Model Layout

3.1.1 ILSAX hydrological model

ILSAX is a computer-based rainfall-runoff routing program combining flows through a drainage network and contains a procedure for calculating pipe hydraulic capacities. The model combined various sub-catchments flows and routed through a pipe and channel system. Calculations are performed at specified times after the start of each storm. At each time step, a hydraulic grade line analysis is performed throughout the drainage network, and flow rates and water levels are determined.

3.1.2 Data source

The data sources used to undertake the hydrological and hydraulic assessment are as follows:

- Aerial photography image of the site,
- The Bureau of Meteorology website,
- ARR Data Hub.

3.1.3 Rainfall Data

DRAINS require rainfall intensity data and temporal patterns. The 2016 rainfall IFD system is used to estimate the rainfall data. The 2016 IFDs replace both the ARR87 IFDs and the interim 2013 IFDs. The latest rainfall depths to be used in design and analysis procedures are obtained from the Bureau of Meteorology website (www.bom.gov.au/water/designRainfalls/revise-ifd/?year=2016) and temporal patterns are obtained from ARR Data Hub. IFD shows design rainfall depths for various frequencies, including 1 exceedance per year (1 EY), 0.2 EY, 0.5 EY and annual exceedance probabilities (AEP) of 50%, 20%, 10%, 5%, 2% and 1%. AEP is the probability of an event occurring in a year.

3.1.4 DRAINS Results

DRAINS Assessment:	Result
Pre-development peak discharge from whole site area for 20%AEP, (L/s)	9
Post-development peak discharge from whole site area for 20% AEP, (L/s)	9
Pre-development peak discharge from whole site area for 1%AEP, (L/s)	34
Post-development peak discharge from whole site area for 1%AEP, (L/s)	23

Table 1 Results of the DRAINS Assessment

Sub-Catchment Data

Sub-catchment name Sub-catchment area (ha)

Hydrological Model

Default model
 You specify

Use

abbreviated data
 more detailed data

	Paved	Supplementary	Grassed
Percentage of area	<input type="text" value="30"/>	<input type="text" value="0"/>	<input type="text" value="70"/>
Time of concentration (mins)	<input type="text" value="5"/>	<input type="text" value="2"/>	<input type="text" value="8"/>

Notes

OK
Cancel
Customise Storms
Help

Figure 2.0 – Pre-development catchment

Following a review of the DRAINS model and results, it has been determined that approximately 11,900L of stormwater detention is required for roof stormwater to limit the post-development 1% AEP and 20% AEP discharge to 1% AEP and 20% AEP pre-development for the development, respectively. Roof detention will be managed through 2x6,000L above ground rainwater tanks with 48mm outlet orifice.

Maximum total stormwater discharge flow rate from the site post development is limited to 9L/s in 20% AEP and 23L/s in 1% AEP events, respectively.

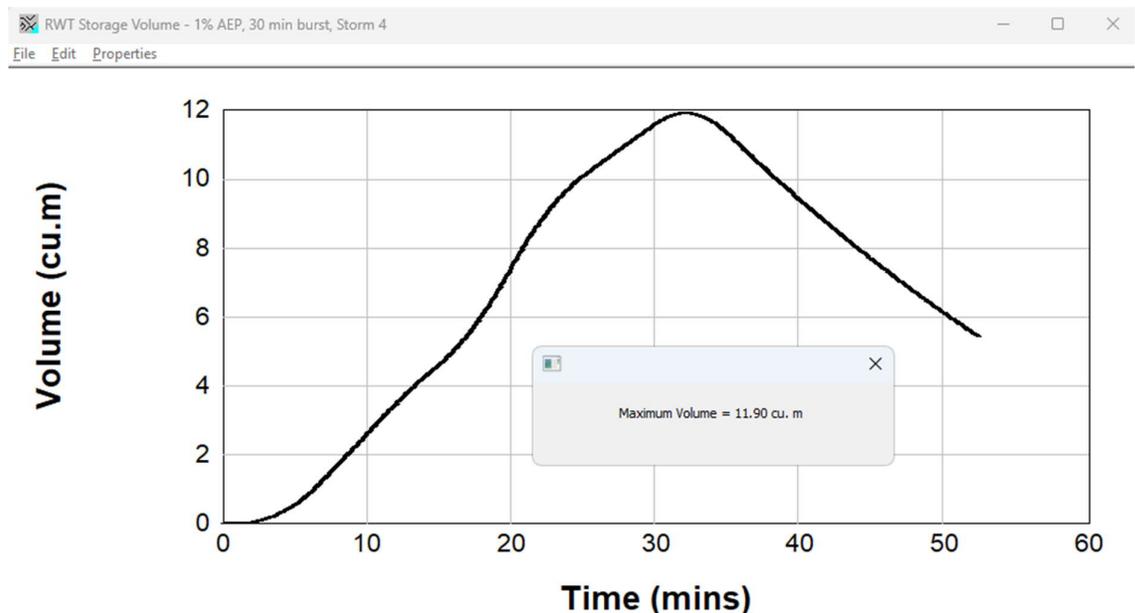
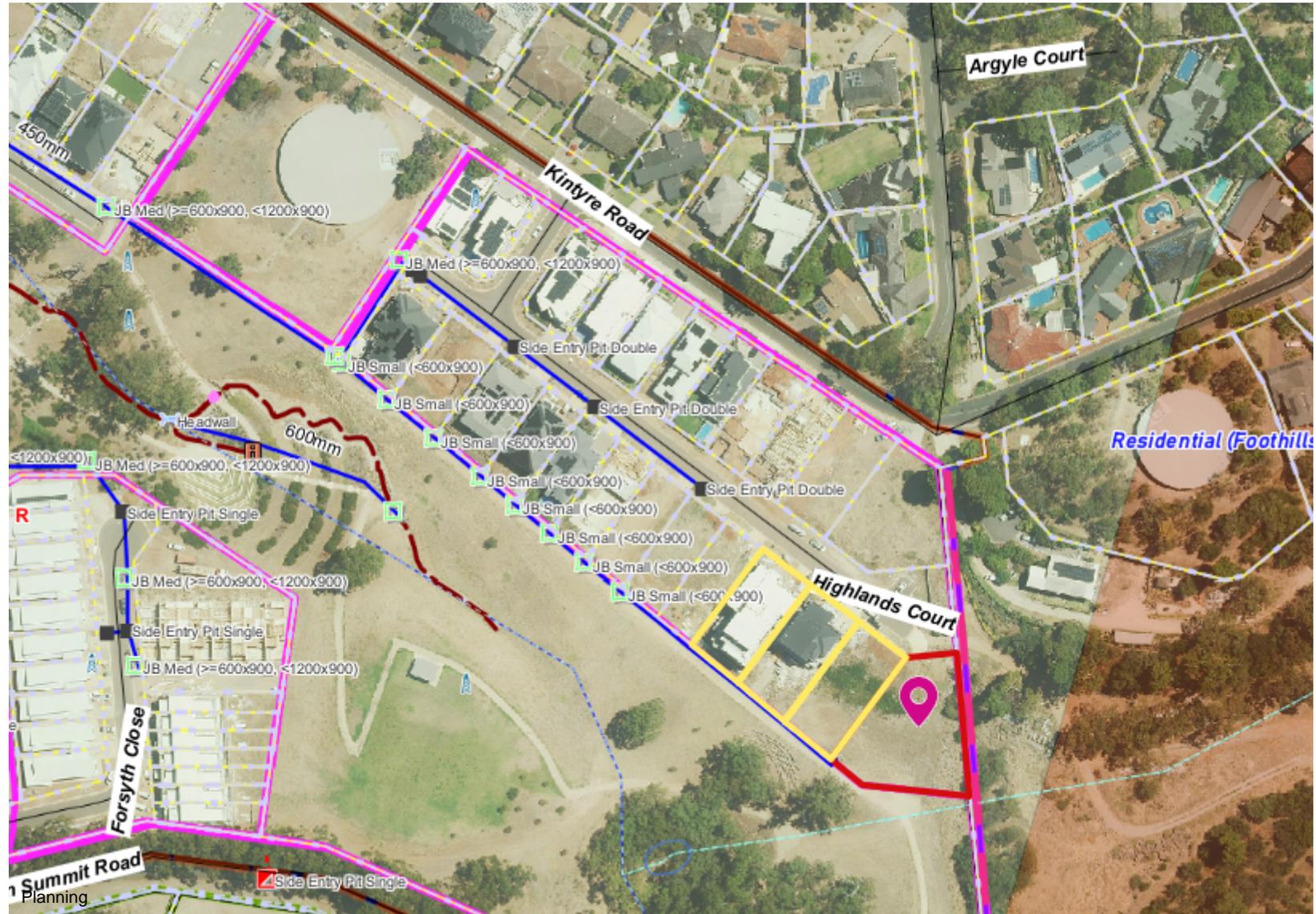


Figure 3.1 – Detention volume required in 1% AEP

4 Conclusion

This report has assessed the subject site and proposed stormwater management and determined that approximately 11,900L of detention storage for roof stormwater will be required within the development to limit the discharge from site to maximum 9L/s and 23L/s post-development in 20% AEP and 1% AEP, respectively. The results of this assessment demonstrated that Council’s requirements for stormwater management may be achieved.



Annotations

-  Representors Land 3
-  Representors Land 2
-  Representors Land 1
-  Subject Land

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Scale = 1:2018.520



Community Facilities Zone

Woodforde

Macintosh Cr

Buchanan Dr
Maxwell Lane
son Lane

son St

Abercrombie Av

Housing Diversity Zone

ADELAIDE
HILLS
COUNCIL
HDN

Macintyre Brae

Gilburn Ct

Woodland Way

Kiln Ct

Langma

Iona Av

Tay Cr

Tay Ct

Glengarry Dr

Hills Neighbourhood Zone

Argyle Ct

Blue Cr

Arran Ct

Tay Rd

Kintyre Rd

Woodforde

HN

Highlands Ct

Conversation Zone

Hills Face Zone



Details of Representations

Application Summary

Application ID	25018635
Proposal	4 storey residential flat building comprising 4 dwellings, retaining walls, fence, swimming pool & associated safety features
Location	12 HIGHLANDS CT WOODFORDE SA 5072

Representations

Representor 1 - Hugh Marquis

Name	Hugh Marquis
Address	15 Highlands Court WOODFORDE SA, 5072 Australia
Submission Date	25/11/2025 06:09 PM
Submission Source	Online
Late Submission	No
Would you like to talk to your representation at the decision-making hearing for this development?	Yes
My position is	I oppose the development

Reasons

The proposed development is located in Highlands court Woodforde and is part of Hamilton Hill 3A zoned: Housing Diversity Neighbourhood (Z2404) – HDN The proposed development is for four apartments (dwellings) which would not meet PO 2.1 Allotments/sites created for residential purposes accommodate a diverse range of low to medium density housing, with higher densities closer to public open space, public transport stations and activity centres. DTS/DPF 2.1 Development will not result in more than 1 dwelling on an existing allotment Additionally all development must adhere to the encumbrances in the Hamilton Hill Design The following is taken from the Design Guidelines The DG ensure the following key objectives are delivered; Ensure a high-quality living environment, Maximise comfort, convenience, privacy and security for residents, Streamline the building approval process, and Protect the investment made by a purchaser These guidelines form part of an encumbrance which is attached to each allotment's land contract throughout Woodforde. This document provides important information regarding the responsibilities as a purchaser, architect, builder or landscape designer. The specific requirements and recommendations are encouraged to ensure the character, sitting and function of a new building will satisfy the Woodforde Design Vision ONE DWELLING PER ALLOTMENT Only one dwelling per allotment is permitted unless otherwise specified. The use of party walls between dwellings is strictly not permitted unless otherwise specified The proposed development would be in breach of the encumbrance BUILDING ENVELOPE Purchasers can find in appendix 3.0 the Building Envelope Plan (BEP) relating specifically to their lot. The BEP outlines the site specific building envelope for each lot, other relevant information and mandatory design principles. Buildings must conform to the BEP The proposed development does not comply with the setbacks and building envelope, this non compliance may result in lack of privacy or reduced privacy for neighbouring property. CARPARKING The proposed development does not provide enough off street car parking. The proposal looks to accommodate 12 double bedrooms which would arguably require more than 9 carparks. The required car parking has not been allowed for and would mean parking in the street. Parking at the top end of highlands court is already limited with a large area being marked as no parking for both safety and practical reasons, which would cause for the parking of cars outside of neighbouring properties which would all go against the encumbrance on the properties. It is noted that the

development provides car parking via mechanical lifting system, yet the practicalities of that would still require cars to be parked in the street, which would adversely affect the Neighborhood and street scape and impact safety. LOCAL AMENITY The proposed development would cause for a much greater traffic flow on Highlands court. This would have a negative impact on the streetscape and visual amenity. Highlands Court is already facing traffic congestion and can at times be dangerous (see attached Photos) and vehicular access for council services restricted. An example is garbage trucks find it difficult to access. Emergency vehicles could face the same problem. FENCING The proposed fencing does not meet the guidelines and agreement between Hamilton Hill And Adelaide hills council where by all rear fencing would be open to the public.

Attached Documents

1-1561542.jpg
2-1561543.jpg





Representations

Representor 2 - Brooke Neilson

Name	Brooke Neilson
Address	Po Box 958 KENSINGTON GARDENS SA, 5058 Australia
Submission Date	18/11/2025 11:25 AM
Submission Source	Online
Late Submission	No
Would you like to talk to your representation at the decision-making hearing for this development?	No
My position is	I oppose the development

Reasons

When we purchased our land on Highlands Court, Woodforde in 2019, the developer marketed this street as the premium location within the entire development. The price we paid reflected this—our expectation was to live in a street consisting of large, high-quality homes of a similar calibre. While the broader development includes some large family homes, the majority of the area is made up of apartments and townhouses. It is completely unreasonable for yet another apartment or unit-style dwelling to be built on a street that was specifically intended for premium, spacious homes. We already have more than enough apartment and unit-style properties in this development. Another major concern is parking. Highlands Court is a cul-de-sac with only one entry point and very limited on-street parking. Parking congestion is already a significant problem in the lower part of the development, and we strongly oppose the same issue being introduced into our street. Introducing unit-style housing into our street is likely to have a negative impact on property values. We invested in this location based on the promise of a premium streetscape, and the addition of units undermines the exclusivity that contribute to our property's value. We strongly oppose the construction of unit-style dwellings in our street. Homeowners in this area are investing a significant amount of money to build high-quality homes, and it is unfair for others to receive the same privilege of living in this premium street at a much lower price point.

Attached Documents

Representations

Representor 3 - Du Nam Lee

Name	Du Nam Lee
Address	14 Highlands Crt WOODFORDE SA, 5072 Australia
Submission Date	18/11/2025 10:23 PM
Submission Source	Online
Late Submission	No
Would you like to talk to your representation at the decision-making hearing for this development?	No
My position is	I oppose the development
Reasons	Looks like commercial property I think it will devalue all our properties on Highlands court. it is four dwellings Not enough car parking which means they will park in front of my house and ours The street will be busier

Attached Documents

Representations

Representor 4 - Jwala Singh

Name	Jwala Singh
Address	33A Leabrook Drive ROSTREVOR SA, 5073 Australia
Submission Date	19/11/2025 09:07 PM
Submission Source	Online
Late Submission	No
Would you like to talk to your representation at the decision-making hearing for this development?	No
My position is	I oppose the development

Reasons

The Manager Planning and Development Adelaide Hills Council GPO Box 1 Adelaide SA 5001 Dear Sir/Madam, RE: Objection to Proposed Development at 12, Highlands Court, Woodforde (Hamilton Hill 3A, Zoned: Housing Diversity Neighbourhood (Z2404) – HDN) I am writing to express my strong objection to the proposed development of four apartments at Highlands Court, Woodforde. As a resident of the area and a neighbour to the proposed development, I am concerned that the proposal does not meet the relevant planning requirements and will have a negative impact on the local community. The proposed development is inconsistent with the Housing Diversity Neighbourhood zoning, which seeks to accommodate a diverse range of low to medium density housing. The proposal for four apartments on a single allotment is contrary to the principle of one dwelling per allotment, as specified in the Hamilton Hill Design Guidelines. Furthermore, the development will not result in a more efficient use of the land, but rather, will lead to over-development and increased density that is not in keeping with the character of the area. The proposal also fails to meet the requirements of the Building Envelope Plan (BEP) and the setbacks, which are designed to ensure that buildings are sited in a way that respects the amenity and privacy of neighbouring properties. The lack of compliance with these requirements will result in a loss of privacy and amenity for neighbouring properties, including my own. Additionally, the proposed development does not provide sufficient off-street car parking, which will lead to increased parking pressure on the street and create safety and traffic congestion issues. The proposal's reliance on mechanical lifting systems for car parking is not a suitable solution and will not mitigate the parking problems that will arise. The proposed development will also have a negative impact on the local amenity, including increased traffic flow, noise, and disruption to the streetscape and visual amenity. Highlands Court is already experiencing traffic congestion and safety issues, and the proposed development will exacerbate these problems. I also note that the proposed fencing does not meet the guidelines and agreement between Hamilton Hill and Adelaide Hills Council, which requires all rear fencing to be open to the public. In light of these concerns, I strongly object to the proposed development and request that the council reject the application. I would appreciate the opportunity to discuss this matter further and provide additional information as required. Thank you for your attention to this matter. Yours sincerely, Jwala Singh 13 Highland court Woodforde

Attached Documents

Representations

Representor 5 - Lilian Jen

Name	Lilian Jen
Address	14 Highlands Crt WOODFORDE SA, 5072 Australia
Submission Date	20/11/2025 01:57 PM
Submission Source	Online
Late Submission	No
Would you like to talk to your representation at the decision-making hearing for this development?	No
My position is	I oppose the development
Reasons	the building looks commercial and 4 dwelling also against the construction regulation It will devalue all the properties on Highlands crt.

Attached Documents

Representations

Representor 6 - Fran E

Name	Fran E
Address	12 Wilcox Street ADELAIDE SA, 5000 Australia
Submission Date	21/11/2025 01:02 PM
Submission Source	Online
Late Submission	No
Would you like to talk to your representation at the decision-making hearing for this development?	No
My position is	I oppose the development

Reasons

Do not support due to: - No landscaping plan - No mention tree planting - No discussion on how the property will blend into the surrounding area - No water tanks or fire safety plan for a property in a high risk fire zone - The plan also doesn't blend in well with the surrounding area - No pool fence - No solar panels, despite being a large property that could house 20+ people.

Attached Documents

2 December 2025

Doug Samardzija
Planning Officer
Adelaide Hills Council

Via Email dsamardzija@ahc.sa.gov.au

INTRO

RE: Response to Representations - Development Application ID 25018635

Dear Doug,

This letter provides Intro's formal response to the representations received during the public notification of Development Application ID 25018635 for 12 Highlands Court, Woodforde.

8 Rosina Street
PO Box 207 Rundle Mall
Adelaide SA 5000

T: +61(0)8 8410 0453
E: info@intro.com.co
W: intro.com.co

A total of six (6) representations were received, all in opposition. Concerns raised relate primarily to:

- misunderstanding regarding "four apartments"
- compliance with Hamilton Hill encumbrances
- building envelope and setback concerns
- perceived commercial appearance
- parking, street congestion and car stacker practicality
- privacy and amenity impacts
- fencing compliance
- lack of landscaping, tree planting, pool fence, or sustainability elements

This response groups the issues thematically and provides clarification with reference to the lodged architectural documentation and applicable planning provisions.

A summary of representors is provided below.

Representor	Address	Position	Wishes to be Heard
Hugh Marquis	15 Highlands Court	Oppose	Yes
Brooke Neilson	PO Box Kensington Garden	Oppose	No
Du Nam Lee	14 Highlands Court	Oppose	No
Jwala Singh	33A Leabrook Drive	Oppose	No
Lilian Jen	14 Highlands Court	Oppose	No
Fran E	12 Wilcox Street	Oppose	No

Issue 1 — Misunderstanding: "Four dwellings / apartments"

Summary of concern:

Representors interpreted the development as four separate dwellings or apartments, suggesting a breach of both the Planning & Design Code and the Hamilton Hill encumbrance requiring one dwelling per allotment.

Response:

- The proposal is a single dwelling only.
- The building includes one residence, arranged vertically over four levels, not four separate units.
- No part of the application seeks approval for multiple dwellings, a residential flat building or apartments.

- The internal layout clearly demonstrates one household, one kitchen, one address, and one private living arrangement.
- There is also no application for a strata titled land divisions which would ordinarily be required for a residential flat building comprising four dwellings. This proposed detached dwelling will be held upon a single Torrens Titled allotment with a direct road frontage.

The definition accompanying Council's public notice appears to have caused the misunderstanding. All lodged documentation consistently identifies one dwelling, and therefore full compliance is achieved with the "one dwelling per allotment" requirement.

Issue 2 — Compliance with Encumbrances / Hamilton Hill Design Guidelines

Summary of concern:

Representors state the building breaches encumbrances, building envelope, and design guidelines.

Response:

- The applicant has obtained formal Encumbrance Approval from the Hamilton Hill Encumbrance Manager.
- The design complies with the Building Envelope Plan once the slope and vertical datum variations unique to the site are properly applied.
- Variations associated with the steep terrain are typical within Hamilton Hill and were reviewed and supported through the encumbrance assessment process.

The proposal therefore aligns with the Design Guidelines and satisfies the encumbrance requirements.

It is critically important for Council to understand the prevailing topographical conditions of the subject land, and in turn how that consequentially impacts the design of the detached dwelling. There is a fall from the kerb-line on the subject land of some 10.1m, requiring any built form to have at least three levels of accommodation below the street. Thus, to maintain the residential streetscape rhythm of Highlands Court, a fourth level – perhaps even a fifth level, would be acceptable as it appears as a single story building when viewed from the public road.

There are multiple examples of existing detached dwellings upon Highlands Court that have utilised this design technique, as it is simply inefficient and cost prohibitive to construct a building that doesn't anchor itself in natural ground.

Issue 3 — Building Envelope, Setbacks & Privacy

Summary of concern:

Claims that the development exceeds envelope limits, reduces privacy, and increases overlooking.

Response:

- The design fits within the approved building envelope once terrain adjustments are accounted for.
- Privacy is preserved through:
 - a. high-sill or obscured glazing on sensitive interfaces;
 - b. screening where required;
 - c. orientation of balconies away from neighbouring private open space; and
 - d. The proposed built form will only appear as a single storey form when viewed from Highlands Court. The main bulk of the built

form occurs below kerb-line due to the prevailing topographical conditions of the site..

No unreasonable overlooking or visual intrusion is anticipated.

Issue 4 — Streetscape & “Commercial Appearance”

Summary of concern:

Representors note that the dwelling “looks commercial” and is not consistent with the premium residential character of Highlands Court.

Response:

The design is entirely residential and includes:

- articulated façades and stepped massing
- conventional balcony and window proportions
- domestic roof elements
- residential material palette (non-reflective, high quality, hillside-appropriate)

The perceived scale results from the steep topography, not from commercial building attributes.

Hamilton Hill already contains multi-level detached dwellings built into slopes, and this proposal is consistent with that established pattern.

Issue 5 — Property Value Concerns

Summary of concern:

Representors believe the development will diminish property values or the perceived exclusivity of the street.

Response:

Property values are not a planning assessment criterion under the Planning, Development & Infrastructure Act 2016.

Nonetheless, the dwelling is a high-quality and considered design residence that will contribute positively to the long-term streetscape of Highlands Court.

Issue 6 — Traffic, Congestion, Service Vehicle Access & Safety

Summary of concern:

Representors have raised concern that the development will increase traffic, exacerbate road congestion and adversely impact the movement of waste collection or emergency access vehicles.

Representors include photographs of existing parking congestion lower in the Hamilton Hill estate.

Response:

- As a single dwelling, the generated traffic will be serviced by a compliant public road, which has suitable width and is of a quality to accommodate the expected traffic generation; and
- Service vehicles (e.g. garbage truck) will be accommodated within this compliant public road, as per the prevailing traffic conditions upon Highlands Court.

Issue 7 — On-site Parking, Overflow Parking & Car Stacker Practicality

Summary of concern:

Representors argue that parking is insufficient and that the mechanical car stacker will result in overspill onto the street.

Response:

- The proposal meets and exceeds Planning & Design Code parking requirements for a single dwelling.
- The mechanical parking system is a residential-grade, AS-compliant installation.
- No reliance on on-street parking is expected.

Issue 8 — Landscaping, Tree Planting & Integration with Surroundings

Summary of concern:

Representors note no landscaping plan, lack of trees, and insufficient explanation of how the design integrates into the street.

Response:

A comprehensive landscaping plan was provided to Council, however it was an oversight that it did not form part of the Public Notice documentation. The landscape plans include:

- new trees and deep-soil planting at street level
- species selected for steep-slope stability, screening, and erosion control
- planting zones that soften the built form and enable cohesive integration into the court
- additional greenery to enhance visual amenity and reinforce the landscaped character of Hamilton Hill

Issue 9 — Pool Fencing & Safety Compliance

Summary of concern:

Lack of a clearly identified pool fence.

Response:

Pool safety barriers are assessed at the Building Rules Consent phase of the Development Application process.

All fencing, barrier heights, and gate systems will fully comply with:

- Australian Standards
- National Construction Code requirements
- Council expectations

Issue 10 — Fencing Compliance with Hamilton Hill / Council Agreement

Summary of concern:

Rear fencing is perceived to be non-compliant with the Hamilton Hill open-fencing expectation.

Response:

The final fencing solution will:

- comply with the Hamilton Hill Design Guidelines;
- meet all mandatory open-fencing requirements; and
- be documented and certified during the construction documentation stage.

Issue 11 — Lack of Solar Panels or Sustainability Elements

Summary of concern:

One representor noted no solar system, water tanks, or energy features.

Response:

The design allows for integration of:

- rooftop PV panels
- battery storage capability
- water-efficient fixtures
- environmentally responsive glazing and shading

Final inclusions will be confirmed at detailed design stage and comply with BRC/NCC energy provisions.

4. Conclusion

The matters raised by representors have been carefully considered.

Most concerns stem from a misunderstanding that the proposal includes four dwellings, which it does not.

The proposal is a single, compliant dwelling supported by:

- approved encumbrance assessment
- compliant building envelope usage
- compliant on-site parking
- privacy controls
- high-quality architectural character; and
- a comprehensive landscape plan and compliance with all safety standards.

We trust this response provides sufficient clarification for Council to finalise its assessment. It is reaffirmed that this proposal suitably meets the requirements of the relevant Zone and Policy provisions and warrants Planning Consent being granted.

Should you wish to discuss any matter further, please contact the writer on 0402 359 653.

Kind Regards,

Damien Ellis
Director

Address: 12 HIGHLANDS CT WOODFORDE SA 5072

To view a detailed interactive property map in SAPPa click on the map below



Property Zoning Details

Zone

Housing Diversity Neighbourhood

Overlay

Affordable Housing
 Hazards (Bushfire - Urban Interface)
 Hazards (Flooding - Evidence Required)
 Prescribed Wells Area
 Regulated and Significant Tree
 Stormwater Management
 Traffic Generating Development
 Urban Tree Canopy
 Water Resources

Local Variation (TNV)

Maximum Building Height (Metres) (*Maximum building height is 9m*)
 Maximum Building Height (Levels) (*Maximum building height is 2 levels*)

Development Pathways

■ Housing Diversity Neighbourhood

1. Accepted Development

Means that the development type does not require planning consent (planning approval). Please ensure compliance with relevant land use and development controls in the Code.

- Air handling unit, air conditioning system or exhaust fan
- Brush fence
- Building alterations
- Building work on railway land
- Carport
- Outbuilding
- Partial demolition of a building or structure
- Private bushfire shelter
- Shade sail
- Solar photovoltaic panels (roof mounted)
- Swimming pool or spa pool and associated swimming pool safety features
- Verandah
- Water tank (above ground)
- Water tank (underground)

2. Code Assessed - Deemed to Satisfy

Means that the development type requires consent (planning approval). Please ensure compliance with relevant land use and development controls in the Code.

- Ancillary accommodation
- Carport
- Deck
- Detached dwelling
- Dwelling addition
- Land division
- Outbuilding
- Replacement building
- Row dwelling
- Semi-detached dwelling
- Temporary accommodation in an area affected by bushfire
- Verandah

3. Code Assessed - Performance Assessed

Performance Assessed development types listed below are those for which the Code identifies relevant policies.

Additional development types that are not listed as Accepted, Deemed to Satisfy or Restricted default to a Performance assessed Pathway. Please contact your local council for more information.

- Ancillary accommodation
- Carport
- Deck
- Demolition
- Detached dwelling
- Dwelling addition
- Dwelling or residential flat building undertaken by:
 - (a) the South Australian Housing Trust either individually or jointly with other persons or bodies
 - or
 - (b) a provider registered under the Community Housing National Law participating in a program relating to the renewal of housing endorsed by the South Australian Housing Trust.
- Fence
- Group dwelling
- Land division
- Outbuilding
- Residential flat building
- Retaining wall
- Row dwelling
- Semi-detached dwelling
- Tree-damaging activity
- Verandah

4. Impact Assessed - Restricted

Means that the development type requires approval. Classes of development that are classified as Restricted are listed in Table 4 of the relevant Zones.

Part 2 - Zones and Sub Zones

Housing Diversity Neighbourhood Zone

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Medium density housing supports a range of needs and lifestyles, located within easy reach of a diversity of services and facilities. Employment and community service uses contribute to making the neighbourhood a convenient place to live without compromising residential amenity.

Performance Outcomes (PO) and Deemed to Satisfy (DTS) / Designated Performance Feature (DPF) Criteria

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Land Use and Intensity	
PO 1.1 Diverse range of medium density housing and accommodation complemented by a range of compatible non-residential uses supporting an active, convenient, and walkable neighbourhood.	DTS/DPF 1.1 Development comprises one or more of the following: <ul style="list-style-type: none"> (a) Ancillary accommodation (b) Child care facility (c) Consulting room (d) Community facility (e) Dwelling (f) Educational facility (g) Office (h) Place of Worship (i) Recreation area (j) Residential flat building (k) Retirement facility (l) Shop (m) Supported accommodation.
PO 1.2 Commercial activities improve community access to services are of a scale and type to maintain residential amenity.	DTS/DPF 1.2 A shop, consulting room or office (or any combination thereof) satisfies any one of the following:

	<ul style="list-style-type: none"> (a) it is located on the same allotment and in conjunction with a dwelling where all the following are satisfied: <ul style="list-style-type: none"> (i) does not exceed 50m² gross leasable floor area (ii) does not involve the display of goods in a window or about the dwelling or its curtilage (b) it reinstates a former shop, consulting room or office in an existing building (or portion of a building) and satisfies one of the following: <ul style="list-style-type: none"> (i) the building is a State or Local Heritage Place (ii) is in conjunction with a dwelling and there is no increase in the gross leasable floor area previously used for non-residential purposes (c) is located more than 500m from an Activity Centre and satisfies one of the following: <ul style="list-style-type: none"> (i) does not exceed 100m² gross leasable floor area (individually or combined, in a single building) where the site does not have a frontage to a State Maintained Road (ii) does not exceed 200m² gross leasable floor area (individually or combined, in a single building) where the site has a frontage to a State Maintained Road (d) the development site abuts an Activity Centre and all the following are satisfied: <ul style="list-style-type: none"> (i) it does not exceed 200m² gross leasable floor area (individually or combined, in a single building) (ii) the proposed development will not result in a combined gross leasable floor area (existing and proposed) of all shops, consulting rooms and offices that abut the Activity Centre in this zone exceeding the lesser of the following: <ul style="list-style-type: none"> A. 50% of the existing gross leasable floor area within the Activity Centre B. 1000m².
<p>PO 1.3</p> <p>Non-residential development located and designed to improve community accessibility to services, primarily in the form of:</p> <ul style="list-style-type: none"> (a) small-scale commercial uses such as offices, shops and consulting rooms (b) community services such as educational facilities, community centres, places of worship, child care facilities and other health and welfare services (c) services and facilities ancillary to the function or operation of supported accommodation or retirement facilities (d) open space and recreation facilities. 	<p>DTS/DPF 1.3</p> <p>None are applicable.</p>
<p>PO 1.4</p> <p>Expansion of existing community services such as educational facilities, community facilities and child care facilities in a manner which complements the scale of development envisaged by the desired outcome for the neighbourhood.</p>	<p>DTS/DPF 1.4</p> <p>Alteration of or addition to existing educational facilities, community facilities or child care facilities where all the following are satisfied:</p> <ul style="list-style-type: none"> (a) set back at least 3m from any boundary shared with a residential land use (b) building height not exceeding 1 building level (c) the total floor area of the building not exceeding 150% of the total floor area prior to the addition/alteration (d) off-street vehicular parking exists or will be provided in accordance with the rate(s) specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas to the nearest whole number.
<p>PO 1.5</p> <p>Non-residential development sited and designed to complement the residential character and amenity of the neighbourhood.</p>	<p>DTS/DPF 1.5</p> <p>None are applicable.</p>
<p>Site Dimensions and Land Division</p>	
<p>PO 2.1</p> <p>Allotments/sites created for residential purposes accommodate a diverse range of low to medium density housing, with higher densities closer to public open space, public transport stations and activity centres.</p>	<p>DTS/DPF 2.1</p> <p>Development will not result in more than 1 dwelling on an existing allotment</p> <p>or</p> <p>Allotments/sites for residential purposes accord with the following:</p> <ul style="list-style-type: none"> (a) site areas (or allotment areas in the case of land division) are not less than the following (average site area per dwelling, including common areas, applies for group dwellings or dwellings within a residential flat building): <p>and</p> <ul style="list-style-type: none"> (b) site frontages (or allotment frontages in the case of land division) are not less than:

	<p>In relation to DTS/DPF 2.1, in instances where:</p> <ul style="list-style-type: none"> (c) more than one value is returned in the same field, refer to the <i>Minimum Frontage Technical and Numeric Variation</i> layer or <i>Minimum Site Area Technical and Numeric Variation</i> layer in the SA planning database to determine the applicable value relevant to the site of the proposed development. (d) no value is returned in DTS/DPF 2.1(a) (i.e. there is a blank field or the value is not relevant), then a net residential density of up to 70 dwellings per hectare applies. (e) no value is returned in DTS/DPF 2.1(b) (i.e. there is a blank field or the value is not relevant), then there is no minimum frontage and DTS/DPF 2.1(b) is met.
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<p>PO 2.2 Development creating new allotments/sites in conjunction with retention of an existing dwelling ensures the site of the existing dwelling remains fit for purpose.</p>	<p>DTS/DPF 2.2 Where the site of a dwelling does not comprise an entire allotment:</p> <ul style="list-style-type: none"> (a) the balance of the allotment accords with the requirements specified in Housing Diversity Neighbourhood Zone DTS/DPF 2.1 (b) if there is an existing dwelling on the allotment that will remain on the allotment after completion of the development it will not contravene: <ul style="list-style-type: none"> (i) private open space requirements specified in Design in Urban Areas Table 1 - Private Open Space (ii) car parking requirements specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas to the nearest whole number.
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Building Height

<p>PO 3.1 Building height is consistent with the form expressed in any relevant <i>Maximum Building Height (Levels) Technical and Numeric Variation</i> layer and <i>Maximum Building Height (Metres) Technical and Numeric Variation</i> layer or is generally low rise, or complements the height of nearby buildings.</p>	<p>DTS/DPF 3.1 Building height (excluding garages, carports and outbuildings) is no greater than:</p> <ul style="list-style-type: none"> (a) the following: <table border="1" style="margin-left: 20px;"> <tr> <th style="text-align: center;">Maximum Building Height (Metres)</th> </tr> <tr> <td style="text-align: center;">Maximum building height is 9m</td> </tr> <tr> <th style="text-align: center;">Maximum Building Height (Levels)</th> </tr> <tr> <td style="text-align: center;">Maximum building height is 2 levels</td> </tr> </table> (b) in all other cases (i.e. there are blank fields for both maximum building height (metres) and maximum building height (levels)) - 2 building levels up to a maximum height of 9m. <p>In relation to DTS/DPF 3.1, in instances where:</p> <ul style="list-style-type: none"> (c) more than one value is returned in the same field, refer to the <i>Maximum Building Height (Levels) Technical and Numeric Variation</i> layer or <i>Maximum Building Height (Metres) Technical and Numeric Variation</i> layer in the SA planning database to determine the applicable value relevant to the site of the proposed development (d) only one value is returned for DTS/DPF 3.1(a) (i.e. there is one blank field), then the relevant height in metres or building levels applies with no criteria for the other. 	Maximum Building Height (Metres)	Maximum building height is 9m	Maximum Building Height (Levels)	Maximum building height is 2 levels
Maximum Building Height (Metres)					
Maximum building height is 9m					
Maximum Building Height (Levels)					
Maximum building height is 2 levels					

Primary Street Setback

<p>PO 4.1 Buildings are set back from primary street boundaries to contribute to the existing/emerging pattern of street setbacks in the streetscape.</p>	<p>DTS/DPF 4.1 Buildings setback from the primary street boundary in accordance with the following table:</p> <table border="1" style="margin-left: 20px;"> <thead> <tr> <th style="text-align: left;">Development Context</th> <th style="text-align: left;">Minimum setback</th> </tr> </thead> <tbody> <tr> <td>In all cases.</td> <td>3m</td> </tr> </tbody> </table> <p>For the purposes of DTS/DPF 4.1:</p> <ul style="list-style-type: none"> (a) the setback of an existing building on an abutting site to the street boundary that it shares with the site of the proposed building is to be measured from the closest building wall to that street boundary at its closest point to the building wall and any existing projection from the building such as a verandah, porch, balcony, awning or bay window is not taken to form part of the building for the purposes of determining its setback (b) any proposed projections such as a verandah, porch, balcony, awning or bay window may encroach not more than 1.5 metres into the minimum setback prescribed in the table 	Development Context	Minimum setback	In all cases.	3m
Development Context	Minimum setback				
In all cases.	3m				

Secondary Street Setback

<p>PO 5.1 Buildings are set back from secondary street boundaries to achieve a pattern of separation between building walls and public thoroughfares and to reinforce streetscape character.</p>	<p>DTS/DPF 5.1 Building walls (except for ancillary buildings and structures) are set back at least 900mm from the boundary of the allotment with the secondary street frontage, or if a building on any adjoining allotment is closer to the secondary street than 900mm, not less than the distance of that building from the boundary with the secondary street.</p>
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Boundary Walls

<p>PO 6.1</p> <p>Walls on boundaries are limited in height and length to manage visual and overshadowing impacts on adjoining properties.</p>	<p>DTS/DPF 6.1</p> <p>Except where the building is a dwelling and is located on a central site within a row dwelling or terrace arrangement, side boundary walls occur on only one side boundary and satisfy (a) or (b) below:</p> <ul style="list-style-type: none"> (a) side boundary walls adjoin or abut a boundary wall of a building on adjoining land for the same or lesser length and height (b) side boundary walls do not: <ul style="list-style-type: none"> (i) exceed 3m in wall height (ii) exceed 11.5m in length (iii) when combined with other walls on the boundary of the subject development site, exceed a maximum 45% of the length of the boundary (iv) encroach within 3m of any other existing or proposed boundary walls on the subject land.
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<p>PO 6.2</p> <p>Dwellings in a semi-detached, row or terrace arrangements maintain space between buildings consistent with a suburban streetscape character.</p>	<p>DTS/DPF 6.2</p> <p>Dwelling walls in a semi-detached, row or terrace arrangement are set back at least 900mm from side boundaries shared with allotments outside the development site.</p>
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Side Boundary Setback

<p>PO 7.1</p> <p>Buildings walls are set back from side boundaries to provide:</p> <ul style="list-style-type: none"> (a) separation between buildings in a way that complements the established character of the locality (b) access to natural light and ventilation for neighbours. 	<p>DTS/DPF 7.1</p> <p>Other than walls located on a side boundary, building walls are set back from side boundaries in accordance with the following:</p> <ul style="list-style-type: none"> (a) where the wall height does not exceed 3m - at least 900mm (b) where the wall height exceeds 3m - at least 900mm from the boundary of the site plus a distance of 1/3 of the extent to which the height of the wall exceeds 3m from the top of the footings.
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Rear Boundary Setback

<p>PO 8.1</p> <p>Building walls (excluding ancillary buildings and structures) are set back from rear boundaries to provide:</p> <ul style="list-style-type: none"> (a) separation between buildings in a way that complements the established character of the locality (b) access to natural light and ventilation for neighbours (c) open space recreational opportunities (d) space for landscaping and vegetation. 	<p>DTS/DPF 8.1</p> <p>Building walls (excluding ancillary buildings and structures) are set back from the rear boundary at least:</p> <ul style="list-style-type: none"> (a) 3m for the first building level or 0m where the rear boundary abuts a laneway (b) 5m for any second building level (c) 5m plus any increase in wall height over 7m for buildings of 3 building levels and above.
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Concept Plans

<p>PO 9.1</p> <p>Development is compatible with the outcomes sought by any relevant Concept Plan contained within Part 12 - Concept Plans of the Planning and Design Code to support the orderly development of land through staging of development and provision of infrastructure.</p>	<p>DTS/DPF 9.1</p> <p>The site of the development is wholly located outside any relevant Concept Plan boundary. The following Concept Plans are relevant:</p> <p>In relation to DTS/DPF 9.1, in instances where:</p> <ul style="list-style-type: none"> (a) one or more Concept Plan is returned, refer to Part 12 - Concept Plans in the Planning and Design Code to determine if a Concept Plan is relevant to the site of the proposed development. Note: multiple concept plans may be relevant. (b) in instances where 'no value' is returned, there is no relevant concept plan and DTS/DPF 9.1 is met.
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Ancillary buildings and structures

<p>PO 10.1</p> <p>Residential ancillary buildings are sited and designed to not detract from the streetscape or appearance of primary residential buildings on the site or neighbouring properties.</p>	<p>DTS/DPF 10.1</p> <p>Ancillary buildings:</p> <ul style="list-style-type: none"> (a) are ancillary to a dwelling erected on the same site (b) have a floor area not exceeding 60m² (c) are not constructed, added to or altered so that any part is situated: <ul style="list-style-type: none"> (i) in front of any part of the building line of the dwelling to which it is ancillary or (ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads) (d) in the case of a garage or carport, the garage or carport: <ul style="list-style-type: none"> (i) is set back at least 5.5m from the boundary of the primary street (ii) when facing a primary street or secondary street, has a total door / opening not exceeding: <ul style="list-style-type: none"> A. for dwellings of single building level - 7m in width or 50% of the site frontage, whichever is the lesser
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B. for dwellings comprising two or more building levels at the building line fronting the same public street - 7m in width

(e) if situated on a boundary (not being a boundary with a primary street or secondary street), do not exceed a length of 11.5m unless:

- (i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary and
- (ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent

(f) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary

(g) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or about the proposed wall or structure

(h) have a wall height or post height not exceeding 3m above natural ground level (and not including a gable end)

(i) have a roof height where no part of the roof is more than 5m above the natural ground level

(j) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour

(k) retains a total area of soft landscaping in accordance with (i) or (ii), whichever is less:

- (i) a total area as determined by the following table:

Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site
<150	10%
150-200	15%
201-450	20%
>450	25%

- (ii) the amount of existing soft landscaping prior to the development occurring.

PO 10.2
Ancillary buildings and structures do not impede on-site functional requirements such as private open space provision, car parking requirements or result in over-development of the site.

DTS/DPF 10.2
Ancillary buildings and structures do not result in:

- (a) less private open space than specified in Design in Urban Areas Table 1 - Private Open Space
- (b) less on-site car parking than specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas.

PO 10.3
Buildings and structures that are ancillary to an existing non-residential use do not detract from the streetscape character, appearance of buildings on the site of the development, or the amenity of neighbouring properties.

DTS/DPF 10.3
Non-residential ancillary buildings and structures:

- (a) are ancillary and subordinate to an existing non-residential use on the same site
- (b) have a floor area not exceeding the following:

Allotment size	Floor area
≤500m ²	60m ²
>500m ²	80m ²

- (c) are not constructed, added to or altered so that any part is situated:
 - (i) in front of any part of the building line of the main building to which it is ancillary
 - or
 - (ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads)
- (d) in the case of a garage or carport, the garage or carport:
 - (i) is set back at least 5.5m from the boundary of the primary street
- (e) if situated on a boundary (not being a boundary with a primary street or secondary street), do not exceed a length of 11.5m unless:
 - (i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary
 - (ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent
- (f) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary

	<ul style="list-style-type: none"> (g) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or about the proposed wall or structure (h) have a wall height (or post height) not exceeding 3m (and not including a gable end) (i) have a roof height where no part of the roof is more than 5m above the natural ground level (j) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour.
Advertisements	
PO 11.1 Advertisements identify the associated business activity, and do not detract from the residential character of the locality.	DTS/DPF 11.1 Advertisements relating to a lawful business activity associated with a residential use do not exceed 0.3m ² and mounted flush with a wall or fence.

Table 5 - Procedural Matters (PM) - Notification

The following table identifies, pursuant to section 107(6) of the *Planning, Development and Infrastructure Act 2016*, classes of performance assessed development that are excluded from notification. The table also identifies any exemptions to the placement of notices when notification is required.

Interpretation

Notification tables exclude the classes of development listed in Column A from notification provided that they do not fall within a corresponding exclusion prescribed in Column B.

Where a development or an element of a development falls within more than one class of development listed in Column A, it will be excluded from notification if it is excluded (in its entirety) under any of those classes of development. It need not be excluded under all applicable classes of development.

Where a development involves multiple performance assessed elements, all performance assessed elements will require notification (regardless of whether one or more elements are excluded in the applicable notification table) unless every performance assessed element of the application is excluded in the applicable notification table, in which case the application will not require notification.

A relevant authority may determine that a variation to 1 or more corresponding exclusions prescribed in Column B is minor in nature and does not require notification.

Class of Development (Column A)	Exceptions (Column B)
1. Development which, in the opinion of the relevant authority, is of a minor nature only and will not unreasonably impact on the owners or occupiers of land in the locality of the site of the development.	None specified.
2. All development undertaken by: <ul style="list-style-type: none"> (a) the South Australian Housing Trust either individually or jointly with other persons or bodies or (b) a provider registered under the Community Housing National Law participating in a program relating to the renewal of housing endorsed by the South Australian Housing Trust. 	Except development involving any of the following: <ol style="list-style-type: none"> 1. residential flat building(s) of 3 or more building levels 2. the demolition (or partial demolition) of a State or Local Heritage Place (other than an excluded building) 3. the demolition (or partial demolition) of a building in a Historic Area Overlay (other than an excluded building).
3. Any development involving any of the following (or of any combination of any of the following): <ul style="list-style-type: none"> (a) ancillary accommodation (b) dwelling (c) dwelling addition (d) recreation area (e) residential flat building (f) retirement facility (g) student accommodation (h) supported accommodation. 	Except development that: <ol style="list-style-type: none"> 1. exceeds the maximum building height specified in Housing Diversity Neighbourhood Zone 3.1 or 2. involves a building wall (or structure) that is proposed to be situated on (or abut) an allotment boundary (not being a boundary with a primary street or secondary street or an excluded boundary) and: <ul style="list-style-type: none"> (a) the length of the proposed wall (or structure) exceeds 11.5m (other than where the proposed wall abuts an existing wall or structure of greater length on the adjoining allotment) or (b) the height of the proposed wall (or post height) exceeds 3m measured from the top of footings (other than where the proposed wall (or post) abuts an existing wall or structure of greater height on the adjoining allotment).
4. Alteration of or addition to any development involving any of the following (or of any combination of any of the following): <ul style="list-style-type: none"> (a) child care facility (b) community facility (c) educational facility. 	Except development that does not satisfy Housing Diversity Neighbourhood Zone DTS/DPF 1.4.
5. Any development involving any of the following (or of any combination of any of the following): <ul style="list-style-type: none"> (a) consulting room (b) office (c) shop. 	Except development that: <ol style="list-style-type: none"> 1. exceeds the maximum building height specified in Housing Diversity Neighbourhood Zone 3.1 or 2. does not satisfy Housing Diversity Neighbourhood Zone DTS/DPF 1.2 or

	<p>3. involves a building wall (or structure) that is proposed to be situated on (or abut) an allotment boundary (not being a boundary with a primary street or secondary street or an excluded boundary) and:</p> <ul style="list-style-type: none"> (a) the length of the proposed wall (or structure) exceeds 11.5m (other than where the proposed wall abuts an existing wall or structure of greater length on the adjoining allotment) or (b) the height of the proposed wall (or post height) exceeds 3m measured from the top of footings (other than where the proposed wall (or post) abuts an existing wall or structure of greater height on the adjoining allotment).
<p>6. Any development involving any of the following (or of any combination of any of the following):</p> <ul style="list-style-type: none"> (a) air handling unit, air conditioning system or exhaust fan (b) carport (c) deck (d) fence (e) internal building works (f) land division (g) outbuilding (h) pergola (i) private bushfire shelter (j) replacement building (k) retaining wall (l) shade sail (m) solar photovoltaic panels (roof mounted) (n) swimming pool or spa pool and associated swimming pool safety features (o) temporary accommodation in an area affected by bushfire (p) tree damaging activity (q) verandah (r) water tank. 	<p>None specified.</p>
<p>7. Any development involving any of the following (or of any combination of any of the following) within the Tunnel Protection Overlay:</p> <ul style="list-style-type: none"> (a) storage of materials, equipment or vehicles (whether temporary or permanent) over an area exceeding 100 square metres (b) temporary stockpiling of soil, gravel, rock or other natural material over an area exceeding 100 square metres (c) excavation or ground intruding activity at a depth greater than 2.5 metres below the regulated surface level. 	<p>Except where not undertaken by the Crown, a Council or an essential infrastructure provider.</p>
<p>8. Demolition.</p>	<p>Except any of the following:</p> <ul style="list-style-type: none"> 1. the demolition (or partial demolition) of a State or Local Heritage Place (other than an excluded building) 2. the demolition (or partial demolition) of a building in a Historic Area Overlay (other than an excluded building).
<p>9. Railway line.</p>	<p>Except where located outside of a rail corridor or rail reserve.</p>

Placement of Notices - Exemptions for Performance Assessed Development

None specified.

Placement of Notices - Exemptions for Restricted Development

None specified.

Part 3 - Overlays

Affordable Housing Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Affordable housing is integrated with residential and mixed use development.
DO 2	Affordable housing caters for a variety of household structures.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Land Division	
PO 1.1 Development comprising 20 or more dwellings / allotments incorporates affordable housing.	DTS/DPF 1.1 Development results in 0-19 additional allotments / dwellings.
PO 1.2 Development comprising 20 or more dwellings or residential allotments provides housing suited to a range of incomes including households with low to moderate incomes.	DTS/DPF 1.2 Development comprising 20 or more dwellings / or residential allotments includes a minimum of 15% affordable housing except where: (a) it can be demonstrated that any shortfall in affordable housing has been provided in a previous stage of development or (b) it can be demonstrated that any shortfall in affordable housing will be accommodated in a subsequent stage or stages of development.
PO 1.3 Affordable housing is distributed throughout the development to avoid an overconcentration.	DTS/DPF 1.3 None are applicable.
Built Form and Character	
PO 2.1 Affordable housing is designed to complement the design and character of residential development within the locality.	DTS/DPF 2.1 None are applicable.
Affordable Housing Incentives	
PO 3.1 To support the provision of affordable housing, minimum allotment sizes may be reduced below the minimum allotment size specified in a zone while providing allotments of a suitable size and dimension to accommodate dwellings with a high standard of occupant amenity.	DTS/DPF 3.1 The minimum site area specified for a dwelling can be reduced by up to 20%, or the maximum density per hectare increased by up to 20%, where it is to be used to accommodate affordable housing except where the development is located within the Character Area Overlay or Historic Area Overlay.
PO 3.2 To support the provision of affordable housing, building heights may be increased above the maximum specified in a zone.	DTS/DPF 3.2 Where a building incorporates dwellings above ground level and includes at least 15% affordable housing, the maximum building height specified in any relevant zone policy can be increased by 1 building level in the: (a) Business Neighbourhood Zone (b) City Living Zone (c) Established Neighbourhood Zone (d) General Neighbourhood Zone (e) Hills Neighbourhood Zone (f) Housing Diversity Neighbourhood Zone (g) Neighbourhood Zone (h) Master Planned Neighbourhood Zone (i) Master Planned Renewal Zone (j) Master Planned Township Zone (k) Rural Neighbourhood Zone (l) Suburban Business Zone (m) Suburban Neighbourhood Zone (n) Township Neighbourhood Zone (o) Township Zone (p) Urban Renewal Neighbourhood Zone (q) Waterfront Neighbourhood Zone and up to 30% in any other zone, except where: (a) the development is located within the Character Area Overlay or Historic Area Overlay or (b) other height incentives already apply to the development.

Movement and Car Parking	
<p>PO 4.1</p> <p>Sufficient car parking is provided to meet the needs of occupants of affordable housing.</p>	<p>DTS/DPF 4.1</p> <p>Dwellings constituting affordable housing are provided with car parking in accordance with the following:</p> <ul style="list-style-type: none"> (a) 0.3 carpark per dwelling within a building which incorporates dwellings located above ground level within either: <ul style="list-style-type: none"> (i) 200 metres of any section of road reserve along which a bus service operates as a high frequency public transit service⁽²⁾ (ii) is within 400 metres of a bus interchange⁽¹⁾ (iii) is within 400 metres of an O-Bahn interchange⁽¹⁾ (iv) is within 400 metres of a passenger rail station⁽¹⁾ (v) is within 400 metres of a passenger tram station⁽¹⁾ (vi) is within 400 metres of the Adelaide Parklands. or (b) 1 carpark per dwelling for any other dwelling. <p>[NOTE(S): (1) Measured from an area that contains any platform(s), shelter(s) or stop(s) where people congregate for the purpose waiting to board a bus, tram or train, but does not include areas used for the parking of vehicles. (2) A high frequency public transit service is a route serviced every 15 minutes between 7.30am and 6.30pm Monday to Friday and every 30 minutes at night, Saturday, Sunday and public holidays until 10pm.]</p>

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
<p>Except where the applicant for the development is the South Australian Housing Authority (or an agent acting on behalf of the South Australian Housing Authority), residential development or land division (other than an excluded land division):</p> <ul style="list-style-type: none"> (a) that comprises 20 or more dwellings or residential allotments and is described in the application documentation as intending to provide affordable housing or (b) that is described in the application documentation as intending to provide affordable housing and the applicant is seeking to access one or more of the planning concessions outlined in the Affordable Housing Overlay DTS/DPF 3.1, 3.2 or 4.1 or (c) that is described in the application documentation as intending to include affordable housing of any number of dwellings or residential allotments 	<p>Minister responsible for administering the <i>South Australian Housing Trust Act 1995</i>.</p>	<p>To provide direction on the conditions required to secure the provision of dwellings or allotments for affordable housing.</p>	<p>Development of a class to which Schedule 9 clause 3 item 20 of the Planning, Development and Infrastructure (General) Regulations 2017 applies.</p>

Hazards (Bushfire - Urban Interface) Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
<p>DO 1</p>	<p>Urban neighbourhoods that adjoin areas of General, Medium and High Bushfire Risk:</p> <ul style="list-style-type: none"> (a) allow access through to bushfire risk areas (b) are designed to protect life and property from the threat of bushfire and the dangers posed by ember attack (c) facilitate evacuation to areas safe from bushfire danger.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
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Land Division	
<p>PO 1.1</p> <p>Land division creating public roads or resulting in 10 or more new allotments is designed to make provision for emergency vehicle access through to the bushfire risk area.</p>	<p>DTS/DPF 1.1</p> <p>Land division creates less than 10 allotments and/or does not involve the creation of public roads.</p>
<p>PO 1.2</p> <p>Land division is designed to provide a continuous street pattern to facilitate the safe movement and evacuation of emergency vehicles, residents, occupants and visitors.</p>	<p>DTS/DPF 1.2</p> <p>Land division does not involve the creation of public roads.</p>
<p>PO 1.3</p> <p>Where 10 or more new allotments are proposed, land division includes at least two separate and safe exit points to enable multiple avenues of evacuation in the event of a bushfire.</p>	<p>DTS/DPF 1.3</p> <p>Land division creates less than 10 allotments.</p>
<p>PO 1.4</p> <p>Land division creating public roads or resulting in 10 or more new allotments incorporates perimeter roads of adequate design in conjunction with bushfire buffer zones to achieve adequate separation between residential allotments and areas of unacceptable bushfire risk and to support safe access for the purposes of fire-fighting.</p>	<p>DTS/DPF 1.4</p> <p>Land division creates less than 10 allotments and/or does not involve the creation of public roads.</p>
<p>PO 1.5</p> <p>Land division does not rely on fire tracks as means of evacuation or access for fire-fighting purposes unless there are no safe alternatives available.</p>	<p>DTS/DPF 1.5</p> <p>Land division does not create or rely on fire tracks.</p>
<p>PO 1.6</p> <p>Land division resulting in 10 or more new allotments and within 100m a Hazards (Bushfire - General Risk) Overlay, Hazards (Bushfire - Medium Risk) Overlay or Hazards (Bushfire - High Risk) Overlay is designed and incorporates measures to minimise the danger of fire hazard to residents and occupants of buildings, and to protect buildings and property from physical damage in the event of a bushfire.</p>	<p>DTS/DPF1.6</p> <p>Land division is not located within 100m of a Hazards (Bushfire - General Risk) Overlay, Hazards (Bushfire - Medium Risk) Overlay or Hazards (Bushfire - High Risk) Overlay or does not create 10 or more new allotments.</p>
Vehicle Access - Roads, Driveways and Fire Tracks	
<p>PO 2.1</p> <p>Roads that are within 100 metres of a Hazards (Bushfire - General Risk) Overlay, Hazards (Bushfire - Medium Risk) Overlay or Hazards (Bushfire - High Risk) Overlay are designed and constructed to facilitate the safe and effective:</p> <ul style="list-style-type: none"> (a) access, operation and evacuation of fire-fighting vehicles and emergency personnel (b) evacuation of residents, occupants and visitors. 	<p>DTS/DPF 2.1</p> <p>Any proposed new roads are not within 100m of a Hazards (Bushfire - General Risk) Overlay, Hazards (Bushfire - Medium Risk) Overlay or Hazards (Bushfire - High Risk) Overlay or</p> <ul style="list-style-type: none"> (a) are constructed with a formed, all-weather surface (b) have a gradient of not more than 16 degrees (1-in-3.5) at any point along the road (c) have a cross fall of not more than 6 degrees (1-in-9.5) at any point along the road (d) have a minimum formed road width of 6m (e) provide overhead clearance of not less than 4.0m between the road surface and overhanging branches or other obstructions including buildings and/or structures (Figure 1) (f) allow fire-fighting services (personnel and vehicles) to travel in a continuous forward movement around road curves by constructing the curves with a minimum external radius of 12.5m (Figure 2) (g) incorporating cul-de-sac endings or dead end roads do not exceed 200m in length and the end of the road has either: <ul style="list-style-type: none"> (i) a turning area with a minimum formed surface radius of 12.5m (Figure 3) or (ii) a 'T' or 'Y' shaped turning area with a minimum formed surface length of 11m and minimum internal radii of 9.5m (Figure 4) (h) incorporate solid, all-weather crossings over any watercourse that support fire-fighting vehicles with a gross vehicle mass (GVM) of 21 tonnes.

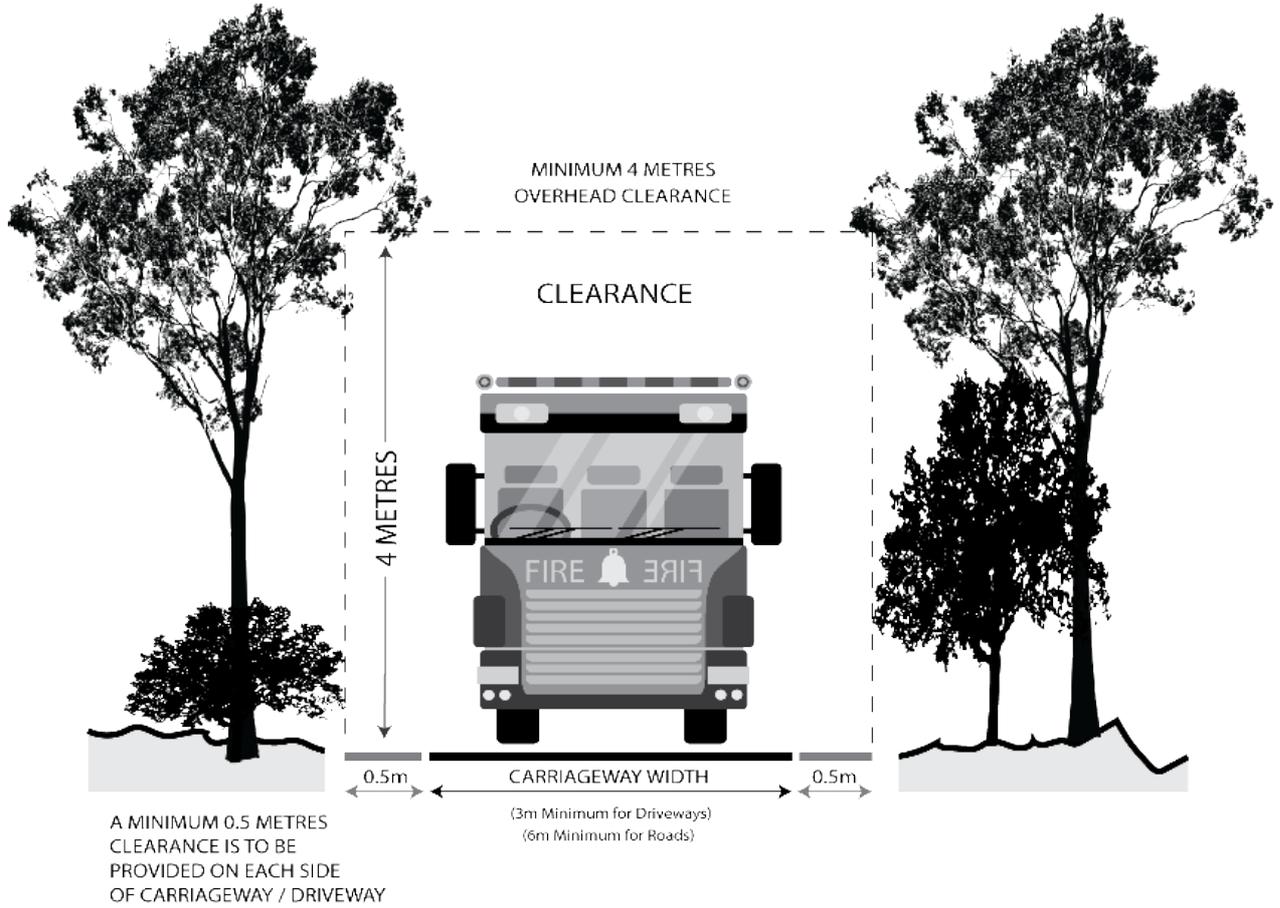
Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
None	None	None	None

Figures and Diagrams

Fire Engine and Appliance Clearances
Figure 1 - Overhead and Side Clearances



Roads and Driveway Design

Figure 2 - Road and Driveway Curves

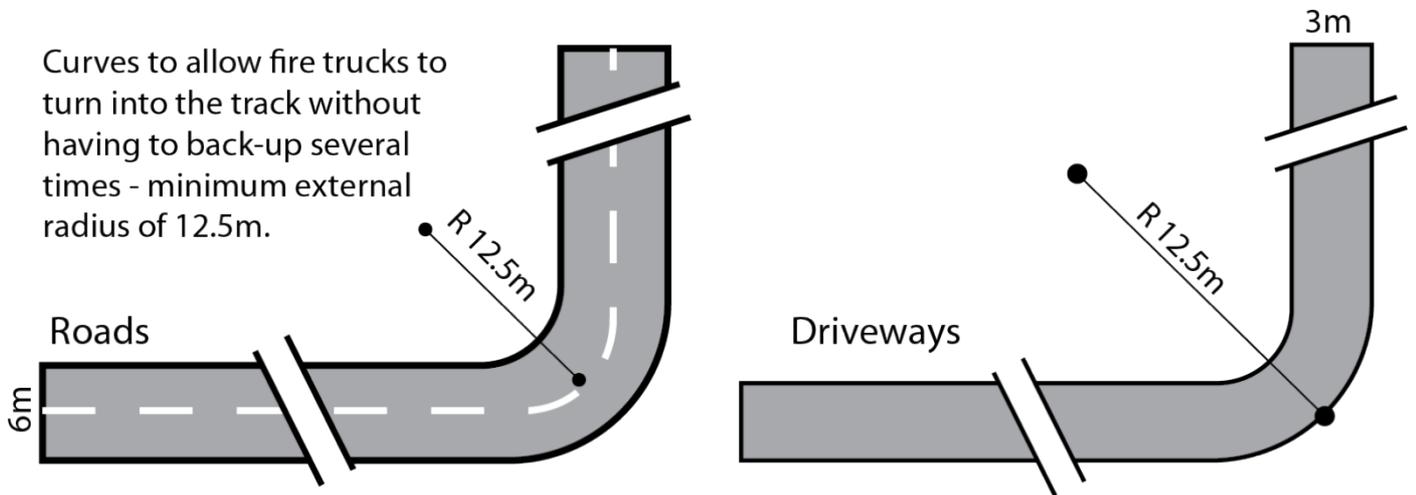


Figure 3 - Full Circle Turning Area

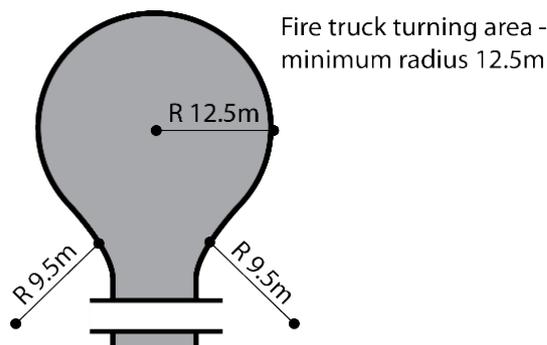


Figure 4 - 'T' or 'Y' Shaped Turning Head

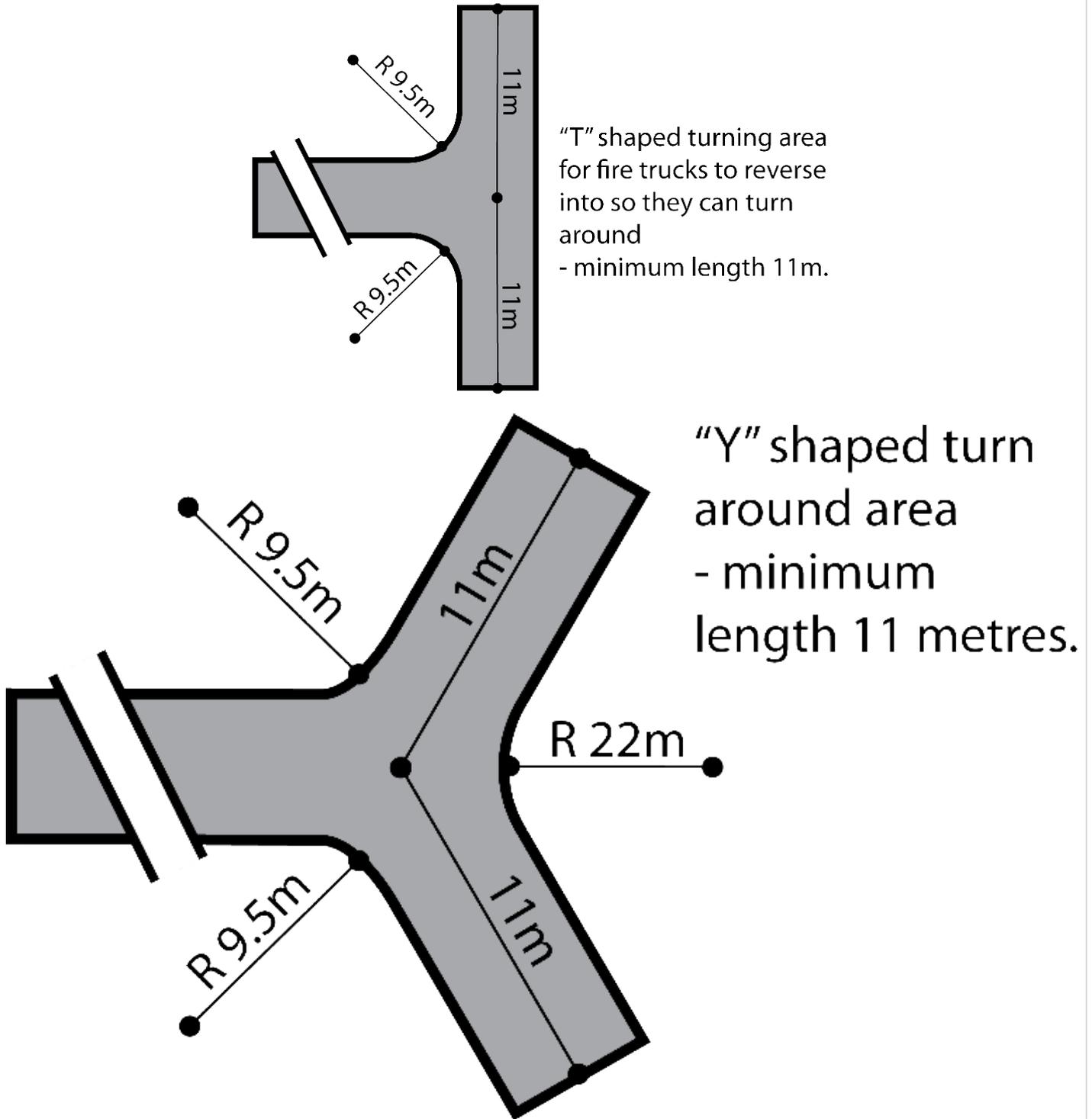
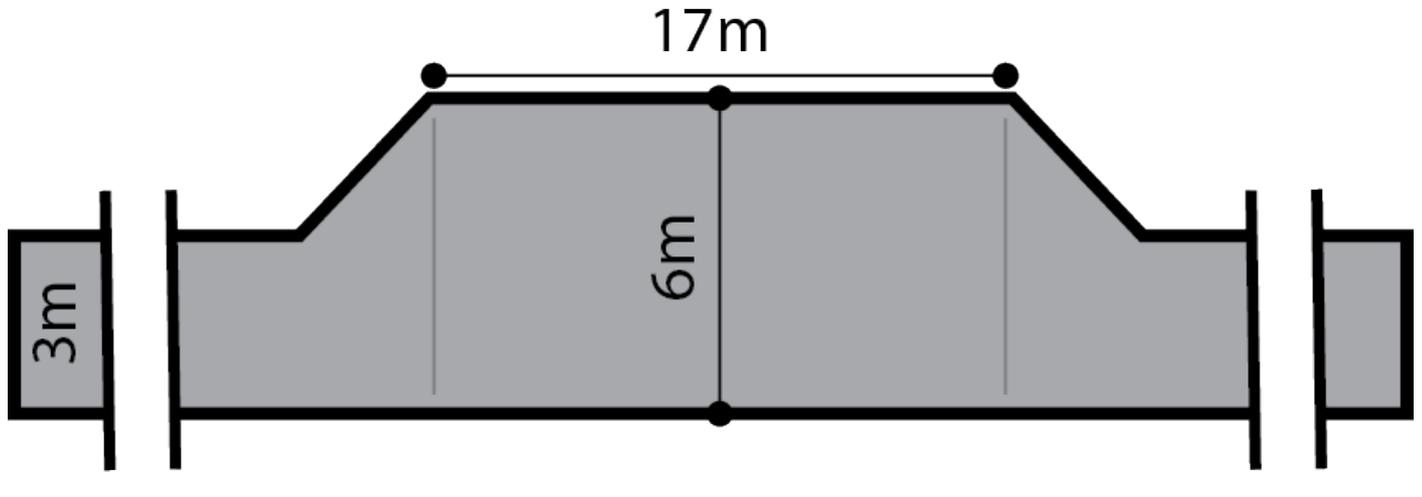


Figure 5 - Driveway Passing Bays

Passing bay for fire trucks - minimum width 6 metres, minimum length 17 metres.



Hazards (Flooding - Evidence Required) Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Development adopts a precautionary approach to mitigate potential impacts on people, property, infrastructure and the environment from potential flood risk through the appropriate siting and design of development.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Flood Resilience	
PO 1.1 Development is sited, designed and constructed to minimise the risk of entry of potential floodwaters where the entry of flood waters is likely to result in undue damage to or compromise ongoing activities within buildings.	DTS/DPF 1.1 Habitable buildings, commercial and industrial buildings, and buildings used for animal keeping incorporate a finished floor level at least 300mm above: <ul style="list-style-type: none"> (a) the highest point of top of kerb of the primary street or (b) the highest point of natural ground level at the primary street boundary where there is no kerb
Environmental Protection	
PO 2.1 Buildings and structures used either partly or wholly to contain or store hazardous materials are designed to prevent spills or leaks leaving the confines of the building.	DTS/DPF 2.1 Development does not involve the storage of hazardous materials.

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
None	None	None	None

Prescribed Wells Area Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Sustainable water use in prescribed wells areas.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
PO 1.1 All development, but in particular involving any of the following: (a) horticulture (b) activities requiring irrigation (c) aquaculture (d) industry (e) intensive animal husbandry (f) commercial forestry has a lawful, sustainable and reliable water supply that does not place undue strain on water resources in prescribed wells areas.	DTS/DPF 1.1 Development satisfies either of the following: (a) the applicant has a current water licence in which sufficient spare capacity exists to accommodate the water needs of the proposed use or (b) the proposal does not involve the taking of water for which a licence would be required under the <i>Landscape South Australia Act 2019</i> .

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
Any of the following classes of development that require or may require water to be taken in addition to any allocation that has already been granted under the <i>Landscape South Australia Act 2019</i> : (a) horticulture (b) activities requiring irrigation (c) aquaculture (d) industry (e) intensive animal husbandry (f) commercial forestry.	The Chief Executive of the Department of the Minister responsible for the administration of the <i>Landscape South Australia Act 2019</i> .	To provide expert technical assessment and direction to the relevant authority on the taking of water to ensure development is undertaken sustainably.	Development of a class to which Schedule 9 clause 3 item 13 of the Planning, Development and Infrastructure (General) Regulations 2017 applies.
Commercial forestry that requires a forest water licence under Part 8 Division 6 of the <i>Landscape South Australia Act 2019</i> .			

Regulated and Significant Tree Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Conservation of regulated and significant trees to provide aesthetic and environmental benefits and mitigate tree loss.

Performance Outcomes (PO) and Deemed to Satisfy (DTS) / Designated Performance Feature (DPF) Criteria

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Tree Retention and Health	
PO 1.1 Regulated trees are retained where they: (a) make an important visual contribution to local character and amenity	DTS/DPF 1.1 None are applicable.

<p>(b) are indigenous to the local area and listed under the <i>National Parks and Wildlife Act 1972</i> as a rare or endangered native species and / or</p> <p>(c) provide an important habitat for native fauna.</p>	
<p>PO 1.2</p> <p>Significant trees are retained where they:</p> <p>(a) make an important contribution to the character or amenity of the local area</p> <p>(b) are indigenous to the local area and are listed under the <i>National Parks and Wildlife Act 1972</i> as a rare or endangered native species</p> <p>(c) represent an important habitat for native fauna</p> <p>(d) are part of a wildlife corridor of a remnant area of native vegetation</p> <p>(e) are important to the maintenance of biodiversity in the local environment and / or</p> <p>(f) form a notable visual element to the landscape of the local area.</p>	<p>DTS/DPF 1.2</p> <p>None are applicable.</p>
<p>PO 1.3</p> <p>A tree damaging activity not in connection with other development satisfies (a) and (b):</p> <p>(a) tree damaging activity is only undertaken to:</p> <p>(i) remove a diseased tree where its life expectancy is short</p> <p>(ii) mitigate an unacceptable risk to public or private safety due to limb drop or the like</p> <p>(iii) rectify or prevent extensive damage to a building of value as comprising any of the following:</p> <p>A. a Local Heritage Place</p> <p>B. a State Heritage Place</p> <p>C. a substantial building of value</p> <p>and there is no reasonable alternative to rectify or prevent such damage other than to undertake a tree damaging activity</p> <p>(iv) reduce an unacceptable hazard associated with a tree within 20m of an existing residential, tourist accommodation or other habitable building from bushfire</p> <p>(v) treat disease or otherwise in the general interests of the health of the tree and / or</p> <p>(vi) maintain the aesthetic appearance and structural integrity of the tree</p> <p>(b) in relation to a significant tree, tree-damaging activity is avoided unless all reasonable remedial treatments and measures have been determined to be ineffective.</p>	<p>DTS/DPF 1.3</p> <p>None are applicable.</p>
<p>PO 1.4</p> <p>A tree-damaging activity in connection with other development satisfies all the following:</p> <p>(a) it accommodates the reasonable development of land in accordance with the relevant zone or subzone where such development might not otherwise be possible</p> <p>(b) in the case of a significant tree, all reasonable development options and design solutions have been considered to prevent substantial tree-damaging activity occurring.</p>	<p>DTS/DPF 1.4</p> <p>None are applicable.</p>
<p>Ground work affecting trees</p>	
<p>PO 2.1</p> <p>Regulated and significant trees, including their root systems, are not unduly compromised by excavation and / or filling of land, or the sealing of surfaces within the vicinity of the tree to support their retention and health.</p>	<p>DTS/DPF 2.1</p> <p>None are applicable.</p>
<p>Land Division</p>	
<p>PO 3.1</p> <p>Land division results in an allotment configuration that enables its subsequent development and the retention of regulated and significant trees as far as is reasonably practicable.</p>	<p>DTS/DPF 3.1</p> <p>Land division where:</p> <p>(a) there are no regulated or significant trees located within or adjacent to the plan of division or</p> <p>(b) the application demonstrates that an area exists to accommodate subsequent development of proposed allotments after an allowance has been made for a tree protection zone around any regulated tree within and adjacent to the plan of division.</p>

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
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None	None	None	None
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Stormwater Management Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Development incorporates water sensitive urban design techniques to capture and re-use stormwater.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature												
<p>PO 1.1</p> <p>Residential development is designed to capture and re-use stormwater to:</p> <ul style="list-style-type: none"> (a) maximise conservation of water resources (b) manage peak stormwater runoff flows and volume to ensure the carrying capacities of downstream systems are not overloaded (c) manage stormwater runoff quality. 	<p>DTS/DPF 1.1</p> <p>Residential development comprising detached, semi-detached or row dwellings, or less than 5 group dwellings, co-located housing or dwellings within a residential flat building:</p> <ul style="list-style-type: none"> (a) includes rainwater tank storage: <ul style="list-style-type: none"> (i) connected to at least: <ul style="list-style-type: none"> A. in relation to a detached dwelling (not in a battle-axe arrangement), semi-detached dwelling or row dwelling, 60% of the roof area B. in all other cases, 80% of the roof area (ii) connected to either a toilet, laundry cold water outlets or hot water service for sites less than 200m² (iii) connected to one toilet and either the laundry cold water outlets or hot water service for sites of 200m² or greater (iv) with a minimum total capacity in accordance with Table 1 (v) where detention is required, includes a 20-25 mm diameter slow release orifice at the bottom of the detention component of the tank (b) incorporates dwelling roof area comprising at least 80% of the site's impervious area <p>Table 1: Rainwater Tank</p> <table border="1"> <thead> <tr> <th>Site size (m²)</th> <th>Minimum retention volume (Litres)</th> <th>Minimum detention volume (Litres)</th> </tr> </thead> <tbody> <tr> <td><200</td> <td>1000</td> <td>1000</td> </tr> <tr> <td>200-400</td> <td>2000</td> <td>Site perviousness <30%: 1000 Site perviousness ≥30%: N/A</td> </tr> <tr> <td>>401</td> <td>4000</td> <td>Site perviousness <35%: 1000 Site perviousness ≥35%: N/A</td> </tr> </tbody> </table>	Site size (m ²)	Minimum retention volume (Litres)	Minimum detention volume (Litres)	<200	1000	1000	200-400	2000	Site perviousness <30%: 1000 Site perviousness ≥30%: N/A	>401	4000	Site perviousness <35%: 1000 Site perviousness ≥35%: N/A
Site size (m ²)	Minimum retention volume (Litres)	Minimum detention volume (Litres)											
<200	1000	1000											
200-400	2000	Site perviousness <30%: 1000 Site perviousness ≥30%: N/A											
>401	4000	Site perviousness <35%: 1000 Site perviousness ≥35%: N/A											

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
None	None	None	None

Traffic Generating Development Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Safe and efficient operation of Urban Transport Routes and Major Urban Transport Routes for all road users.
DO 2	Provision of safe and efficient access to and from urban transport routes and major urban transport routes.

Performance Outcomes (PO) and Deemed to Satisfy (DTS) / Designated Performance Feature (DPF) Criteria

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Traffic Generating Development	
<p>PO 1.1</p> <p>Development designed to minimise its potential impact on the safety, efficiency and functional performance of the State Maintained Road network.</p>	<p>DTS/DPF 1.1</p> <p>Access is obtained directly from a State Maintained Road where it involves any of the following types of development:</p> <ul style="list-style-type: none"> (a) building, or buildings, containing in excess of 50 dwellings (b) land division creating 50 or more additional allotments (c) commercial development with a gross floor area of 10,000m² or more (d) retail development with a gross floor area of 2,000m² or more (e) a warehouse or transport depot with a gross leasable floor area of 8,000m² or more (f) industry with a gross floor area of 20,000m² or more (g) educational facilities with a capacity of 250 students or more.
<p>PO 1.2</p> <p>Access points sited and designed to accommodate the type and volume of traffic likely to be generated by development.</p>	<p>DTS/DPF 1.2</p> <p>Access is obtained directly from a State Maintained Road where it involves any of the following types of development:</p> <ul style="list-style-type: none"> (a) building, or buildings, containing in excess of 50 dwellings (b) land division creating 50 or more additional allotments (c) commercial development with a gross floor area of 10,000m² or more (d) retail development with a gross floor area of 2,000m² or more (e) a warehouse or transport depot with a gross leasable floor area of 8,000m² or more (f) industry with a gross floor area of 20,000m² or more (g) educational facilities with a capacity of 250 students or more.
<p>PO 1.3</p> <p>Sufficient accessible on-site queuing provided to meet the needs of the development so that queues do not impact on the State Maintained Road network.</p>	<p>DTS/DPF 1.3</p> <p>Access is obtained directly from a State Maintained Road where it involves any of the following types of development:</p> <ul style="list-style-type: none"> (a) building, or buildings, containing in excess of 50 dwellings (b) land division creating 50 or more additional allotments (c) commercial development with a gross floor area of 10,000m² or more (d) retail development with a gross floor area of 2,000m² or more (e) a warehouse or transport depot with a gross leasable floor area of 8,000m² or more (f) industry with a gross floor area of 20,000m² or more (g) educational facilities with a capacity of 250 students or more.

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
Except where all of the relevant deemed-to-satisfy criteria are met, any of the following classes of development that are proposed within 250m of a State Maintained Road:	Commissioner of Highways.	To provide expert technical assessment and direction to the Relevant Authority on the safe and efficient operation and	Development of a class to which

<ul style="list-style-type: none"> (a) except where a proposed development has previously been referred under clause (b) - a building, or buildings, containing in excess of 50 dwellings (b) except where a proposed development has previously been referred under clause (a) - land division creating 50 or more additional allotments (c) commercial development with a gross floor area of 10,000m² or more (d) retail development with a gross floor area of 2,000m² or more (e) a warehouse or transport depot with a gross leasable floor area of 8,000m² or more (f) industry with a gross floor area of 20,000m² or more (g) educational facilities with a capacity of 250 students or more. 		management of all roads relevant to the Commissioner of Highways as described in the Planning and Design Code.	Schedule 9 clause 3 item 7 of the Planning, Development and Infrastructure (General) Regulations 2017 applies.
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Urban Tree Canopy Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Residential development preserves and enhances urban tree canopy through the planting of new trees and retention of existing mature trees where practicable.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature																																								
PO 1.1 Trees are planted or retained to contribute to an urban tree canopy.	DTS/DPF 1.1 Tree planting is provided in accordance with the following: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th style="background-color: #d4edda;">Site size per dwelling (m²)</th> <th style="background-color: #d4edda;">Tree size* and number required per dwelling</th> </tr> </thead> <tbody> <tr> <td><450</td> <td>1 small tree</td> </tr> <tr> <td>450-800</td> <td>1 medium tree or 2 small trees</td> </tr> <tr> <td>>800</td> <td>1 large tree or 2 medium trees or 4 small trees</td> </tr> </tbody> </table> <p style="margin-top: 10px;">*refer Table 1 Tree Size</p> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th colspan="4" style="background-color: #d4edda;">Table 1 Tree Size</th> </tr> <tr> <th style="background-color: #d4edda;">Tree size</th> <th style="background-color: #d4edda;">Mature height (minimum)</th> <th style="background-color: #d4edda;">Mature spread (minimum)</th> <th style="background-color: #d4edda;">Soil area around tree within development site (minimum)</th> </tr> </thead> <tbody> <tr> <td>Small</td> <td>4 m</td> <td>2m</td> <td>10m² and min. dimension of 1.5m</td> </tr> <tr> <td>Medium</td> <td>6 m</td> <td>4 m</td> <td>30m² and min. dimension of 2m</td> </tr> <tr> <td>Large</td> <td>12 m</td> <td>8m</td> <td>60m² and min. dimension of 4m</td> </tr> </tbody> </table> <p style="margin-top: 10px;">The discount in Column D of Table 2 discounts the number of trees required to be planted in DTS/DPF 1.1 where existing tree(s) are retained on the subject land that meet the criteria in Columns A, B and C of Table 2, and are not a species identified in Regulation 3F(4)(b) of the Planning Development and Infrastructure (General) Regulations 2017.</p> <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th colspan="4" style="background-color: #d4edda;">Table 2 Tree Discounts</th> </tr> <tr> <th style="background-color: #d4edda;">Retained tree height (Column A)</th> <th style="background-color: #d4edda;">Retained tree spread (Column B)</th> <th style="background-color: #d4edda;">Retained soil area around tree within development site (Column C)</th> <th style="background-color: #d4edda;">Discount applied (Column D)</th> </tr> </thead> <tbody> <tr> <td style="height: 40px;"></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Site size per dwelling (m ²)	Tree size* and number required per dwelling	<450	1 small tree	450-800	1 medium tree or 2 small trees	>800	1 large tree or 2 medium trees or 4 small trees	Table 1 Tree Size				Tree size	Mature height (minimum)	Mature spread (minimum)	Soil area around tree within development site (minimum)	Small	4 m	2m	10m ² and min. dimension of 1.5m	Medium	6 m	4 m	30m ² and min. dimension of 2m	Large	12 m	8m	60m ² and min. dimension of 4m	Table 2 Tree Discounts				Retained tree height (Column A)	Retained tree spread (Column B)	Retained soil area around tree within development site (Column C)	Discount applied (Column D)				
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	4-6m	2-4m	10m ² and min. dimension of 1.5m	2 small trees (or 1 medium tree)
	6-12m	4-8m	30m ² and min. dimension of 3m	2 medium trees (or 4 small trees)
	>12m	>8m	60m ² and min. dimension of 6m	2 large trees (or 4 medium trees, or 8 small trees)
<p>Note: In order to satisfy DTS/DPF 1.1, payment may be made in accordance with a relevant off-set scheme established by the Minister under section 197 of the Planning, Development and Infrastructure Act 2016, provided the provisions and requirements of that scheme are satisfied. For the purposes of section 102(4) of the Planning, Development and Infrastructure Act 2016, an applicant may elect for any of the matters in DTS/DPF 1.1 to be reserved.</p>				

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
None	None	None	None

Water Resources Overlay

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Protection of the quality of surface waters considering adverse water quality impacts associated with projected reductions in rainfall and warmer air temperatures as a result of climate change.
DO 2	Maintain the conveyance function and natural flow paths of watercourses to assist in the management of flood waters and stormwater runoff.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Water Catchment	
PO 1.1 Watercourses and their beds, banks, wetlands and floodplains (1% AEP flood extent) are not damaged or modified and are retained in their natural state, except where modification is required for essential access or maintenance purposes.	DTS/DPF 1.1 None are applicable.
PO 1.2 Development avoids interfering with the existing hydrology or water regime of swamps and wetlands other than to improve the existing conditions to enhance environmental values.	DTS/DPF 1.2 None are applicable.
PO 1.3 Wetlands and low-lying areas providing habitat for native flora and fauna are not drained, except temporarily for essential management purposes to enhance environmental values.	DTS/DPF 1.3 None are applicable.
PO 1.4 Watercourses, areas of remnant native vegetation, or areas prone to erosion that are capable of natural regeneration are fenced off to limit stock access.	DTS/DPF 1.4 None are applicable.

<p>PO 1.5</p> <p>Development that increases surface water run-off includes a suitably sized strip of vegetated land on each side of a watercourse to filter runoff to:</p> <ul style="list-style-type: none"> (a) reduce the impacts on native aquatic ecosystems (b) minimise soil loss eroding into the watercourse. 	<p>DTS/DPF 1.5</p> <p>A strip of land 20m or more wide measured from the top of existing banks on each side of the watercourse is free from development, livestock use and revegetated with locally indigenous vegetation.</p>
<p>PO 1.6</p> <p>Development resulting in the depositing or placing of an object or solid material in a watercourse or lake occurs only where it involves any of the following:</p> <ul style="list-style-type: none"> (a) the construction of an erosion control structure (b) devices or structures used to extract or regulate water flowing in a watercourse (c) devices used for scientific purposes (d) the rehabilitation of watercourses. 	<p>DTS/DPF 1.6</p> <p>None are applicable.</p>
<p>PO 1.7</p> <p>Watercourses, floodplains (1% AEP flood extent) and wetlands protected and enhanced by retaining and protecting existing native vegetation.</p>	<p>DTS/DPF 1.7</p> <p>None are applicable.</p>
<p>PO 1.8</p> <p>Watercourses, floodplains (1% AEP flood extent) and wetlands are protected and enhanced by stabilising watercourse banks and reducing sediments and nutrients entering the watercourse.</p>	<p>DTS/DPF 1.8</p> <p>None are applicable.</p>
<p>PO 1.9</p> <p>Dams, water tanks and diversion drains are located and constructed to maintain the quality and quantity of flows required to meet environmental and downstream needs.</p>	<p>DTS/DPF 1.9</p> <p>None are applicable.</p>

Procedural Matters (PM) - Referrals

The following table identifies classes of development / activities that require referral in this Overlay and the applicable referral body. It sets out the purpose of the referral as well as the relevant statutory reference from Schedule 9 of the Planning, Development and Infrastructure (General) Regulations 2017.

Class of Development / Activity	Referral Body	Purpose of Referral	Statutory Reference
None	None	None	None

Part 4 - General Development Policies

Advertisements

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Advertisements and advertising hoardings are appropriate to context, efficient and effective in communicating with the public, limited in number to avoid clutter, and do not create hazard.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Appearance	
PO 1.1 Advertisements are compatible and integrated with the design of the building and/or	DTS/DPF 1.1 Advertisements attached to a building satisfy all of the following:

<p>land they are located on.</p>	<ul style="list-style-type: none"> (a) are not located in a Neighbourhood-type zone (b) where they are flush with a wall: <ul style="list-style-type: none"> (i) if located at canopy level, are in the form of a fascia sign (ii) if located above canopy level: <ul style="list-style-type: none"> A. do not have any part rising above parapet height B. are not attached to the roof of the building (c) where they are not flush with a wall: <ul style="list-style-type: none"> (i) if attached to a verandah, no part of the advertisement protrudes beyond the outer limits of the verandah structure (ii) if attached to a two-storey building: <ul style="list-style-type: none"> A. has no part located above the finished floor level of the second storey of the building B. does not protrude beyond the outer limits of any verandah structure below C. does not have a sign face that exceeds 1m2 per side. (d) if located below canopy level, are flush with a wall (e) if located at canopy level, are in the form of a fascia sign (f) if located above a canopy: <ul style="list-style-type: none"> (i) are flush with a wall (ii) do not have any part rising above parapet height (iii) are not attached to the roof of the building. (g) if attached to a verandah, no part of the advertisement protrudes beyond the outer limits of the verandah structure (h) if attached to a two-storey building, have no part located above the finished floor level of the second storey of the building (i) where they are flush with a wall, do not, in combination with any other existing sign, cover more than 15% of the building facade to which they are attached.
<p>PO 1.2 Advertising hoardings do not disfigure the appearance of the land upon which they are situated or the character of the locality.</p>	<p>DTS/DPF 1.2 Where development comprises an advertising hoarding, the supporting structure is:</p> <ul style="list-style-type: none"> (a) concealed by the associated advertisement and decorative detailing or (b) not visible from an adjacent public street or thoroughfare, other than a support structure in the form of a single or dual post design.
<p>PO 1.3 Advertising does not encroach on public land or the land of an adjacent allotment.</p>	<p>DTS/DPF 1.3 Advertisements and/or advertising hoardings are contained within the boundaries of the site.</p>
<p>PO 1.4 Where possible, advertisements on public land are integrated with existing structures and infrastructure.</p>	<p>DTS/DPF 1.4 Advertisements on public land that meet at least one of the following:</p> <ul style="list-style-type: none"> (a) achieves Advertisements DTS/DPF 1.1 (b) are integrated with a bus shelter.
<p>PO 1.5 Advertisements and/or advertising hoardings are of a scale and size appropriate to the character of the locality.</p>	<p>DTS/DPF 1.5 None are applicable.</p>
<p>Proliferation of Advertisements</p>	
<p>PO 2.1 Proliferation of advertisements is minimised to avoid visual clutter and untidiness.</p>	<p>DTS/DPF 2.1 No more than one freestanding advertisement is displayed per occupancy.</p>
<p>PO 2.2 Multiple business or activity advertisements are co-located and coordinated to avoid visual clutter and untidiness.</p>	<p>DTS/DPF 2.2 Advertising of a multiple business or activity complex is located on a single advertisement fixture or structure.</p>
<p>PO 2.3 Proliferation of advertisements attached to buildings is minimised to avoid visual clutter and untidiness.</p>	<p>DTS/DPF 2.3 Advertisements satisfy all of the following:</p> <ul style="list-style-type: none"> (a) are attached to a building (b) other than in a Neighbourhood-type zone, where they are flush with a wall, cover no more than 15% of the building facade to which they are attached (c) do not result in more than one sign per occupancy that is not flush with a wall.
<p>Advertising Content</p>	
<p>PO 3.1 Advertisements are limited to information relating to the lawful use of land they are located on to assist in the ready identification of the activity or activities on the land and</p>	<p>DTS/DPF 3.1 Advertisements contain information limited to a lawful existing or proposed activity or activities on the same site as the advertisement.</p>

avoid unrelated content that contributes to visual clutter and untidiness.	
Amenity Impacts	
PO 4.1 Light spill from advertisement illumination does not unreasonably compromise the amenity of sensitive receivers.	DTS/DPF 4.1 Advertisements do not incorporate any illumination.
Safety	
PO 5.1 Advertisements and/or advertising hoardings erected on a verandah or projecting from a building wall are designed and located to allow for safe and convenient pedestrian access.	DTS/DPF 5.1 Advertisements have a minimum clearance of 2.5m between the top of the footpath and base of the underside of the sign.
PO 5.2 Advertisements and/or advertising hoardings do not distract or create a hazard to drivers through excessive illumination.	DTS/DPF 5.2 No advertisement illumination is proposed.
PO 5.3 Advertisements and/or advertising hoardings do not create a hazard to drivers by: (a) being liable to interpretation by drivers as an official traffic sign or signal (b) obscuring or impairing drivers' view of official traffic signs or signals (c) obscuring or impairing drivers' view of features of a road that are potentially hazardous (such as junctions, bends, changes in width and traffic control devices) or other road or rail vehicles at/or approaching level crossings.	DTS/DPF 5.3 Advertisements satisfy all of the following: (a) are not located in a public road or rail reserve (b) are located wholly outside the land shown as 'Corner Cut-Off Area' in the  following diagram
PO 5.4 Advertisements and/or advertising hoardings do not create a hazard by distracting drivers from the primary driving task at a location where the demands on driver concentration are high.	DTS/DPF 5.4 Advertisements and/or advertising hoardings are not located along or adjacent to a road having a speed limit of 80km/h or more.
PO 5.5 Advertisements and/or advertising hoardings provide sufficient clearance from the road carriageway to allow for safe and convenient movement by all road users.	DTS/DPF 5.5 Where the advertisement or advertising hoarding is: (a) on a kerbed road with a speed zone of 60km/h or less, the advertisement or advertising hoarding is located at least 0.6m from the roadside edge of the kerb (b) on an unkerbed road with a speed zone of 60km/h or less, the advertisement or advertising hoarding is located at least 5.5m from the edge of the seal (c) on any other kerbed or unkerbed road, the advertisement or advertising hoarding is located a minimum of the following distance from the roadside edge of the kerb or the seal: (a) 110 km/h road - 14m (b) 100 km/h road - 13m (c) 90 km/h road - 10m (d) 70 or 80 km/h road - 8.5m.
PO 5.6 Advertising near signalised intersections does not cause unreasonable distraction to road users through illumination, flashing lights, or moving or changing displays or messages.	DTS/DPF 5.6 Advertising: (a) is not illuminated (b) does not incorporate a moving or changing display or message (c) does not incorporate a flashing light(s).

Animal Keeping and Horse Keeping

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Animals are kept at a density that is not beyond the carrying capacity of the land and in a manner that minimises their adverse effects on the environment, local

amenity and surrounding development.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Siting and Design	
PO 1.1 Animal keeping, horse keeping and associated activities do not create adverse impacts on the environment or the amenity of the locality.	DTS/DPF 1.1 None are applicable.
PO 1.2 Animal keeping and horse keeping is located and managed to minimise the potential transmission of disease to other operations where animals are kept.	DTS/DPF 1.2 None are applicable.
Horse Keeping	
PO 2.1 Water from stable wash-down areas is directed to appropriate absorption areas and/or drainage pits to minimise pollution of land and water.	DTS/DPF 2.1 None are applicable.
PO 2.2 Stables, horse shelters or associated yards are sited appropriate distances away from sensitive receivers and/or allotments in other ownership to avoid adverse impacts from dust, erosion and odour.	DTS/DPF 2.2 Stables, horse shelters and associated yards are sited in accordance with all of the following: (a) 30m or more from any sensitive receivers (existing or approved) on land in other ownership (b) where an adjacent allotment is vacant and in other ownership, 30m or more from the boundary of that allotment.
PO 2.3 All areas accessible to horses are separated from septic tank effluent disposal areas to protect the integrity of that system. Stable flooring is constructed with an impervious material to facilitate regular cleaning.	DTS/DPF 2.3 Septic tank effluent disposal areas are enclosed with a horse-proof barrier such as a fence to exclude horses from this area.
PO 2.4 To minimise environmental harm and adverse impacts on water resources, stables, horse shelters and associated yards are appropriately set back from a watercourse.	DTS/DPF 2.4 Stables, horse shelters and associated yards are set back 50m or more from a watercourse.
PO 2.5 Stables, horse shelters and associated yards are located on slopes that are stable to minimise the risk of soil erosion and water runoff.	DTS/DPF 2.5 Stables, horse shelters and associated yards are not located on land with a slope greater than 10% (1-in-10).
Kennels	
PO 3.1 Kennel flooring is constructed with an impervious material to facilitate regular cleaning.	DTS/DPF 3.1 The floors of kennels satisfy all of the following: (a) are constructed of impervious concrete (b) are designed to be self-draining when washed down.
PO 3.2 Kennels and exercise yards are designed and sited to minimise noise nuisance to neighbours through measures such as: (a) adopting appropriate separation distances (b) orientating openings away from sensitive receivers.	DTS/DPF 3.2 Kennels are sited 500m or more from the nearest sensitive receiver on land in other ownership.
PO 3.3 Dogs are regularly observed and managed to minimise nuisance impact on adjoining sensitive receivers from animal behaviour.	DTS/DPF 3.3 Kennels are sited in association with a permanent dwelling on the land.
Wastes	
PO 4.1 Storage of manure, used litter and other wastes (other than wastewater lagoons) is designed, constructed and managed to minimise attracting and harbouring vermin.	DTS/DPF 4.1 None are applicable.
PO 4.2 Facilities for the storage of manure, used litter and other wastes (other than wastewater lagoons) are located to minimise the potential for polluting water resources.	DTS/DPF 4.2 Waste storage facilities (other than wastewater lagoons) are located outside the 1% AEP flood event areas.

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Aquaculture facilities are developed in an ecologically, economically and socially sustainable manner to support an equitable sharing of marine, coastal and inland resources and mitigate conflict with other water-based and land-based uses.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Land-based Aquaculture	
PO 1.1 Land-based aquaculture and associated components are sited and designed to mitigate adverse impacts on nearby sensitive receivers.	DTS/DPF 1.1 Land-based aquaculture and associated components are located to satisfy all of the following: (a) 200m or more from a sensitive receiver in other ownership (b) 500m or more from the boundary of a zone primarily intended to accommodate sensitive receivers or The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .
PO 1.2 Land-based aquaculture and associated components are sited and designed to prevent surface flows from entering ponds in a 1% AEP sea flood level event.	DTS/DPF 1.2 None are applicable.
PO 1.3 Land-based aquaculture and associated components are sited and designed to prevent pond leakage that would pollute groundwater.	DTS/DPF 1.3 The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .
PO 1.4 Land-based aquaculture and associated components are sited and designed to prevent farmed species escaping and entering into any waters.	DTS/DPF 1.4 The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .
PO 1.5 Land-based aquaculture and associated components, including intake and discharge pipes, are designed to minimise the need to traverse sensitive areas to minimise impact on the natural environment.	DTS/DPF 1.5 None are applicable.
PO 1.6 Pipe inlets and outlets associated with land-based aquaculture are sited and designed to minimise the risk of disease transmission.	DTS/DPF 1.6 The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .
PO 1.7 Storage areas associated with aquaculture activity are integrated with the use of the land and sited and designed to minimise their visual impact on the surrounding environment.	DTS/DPF 1.7 None are applicable.
Marine Based Aquaculture	
PO 2.1 Marine aquaculture is sited and designed to minimise its adverse impacts on sensitive ecological areas including: (a) creeks and estuaries (b) wetlands (c) significant seagrass and mangrove communities (d) marine habitats and ecosystems.	DTS/DPF 2.1 None are applicable.
PO 2.2 Marine aquaculture is sited in areas with adequate water current to disperse sediments and dissolve particulate wastes to prevent the build-up of waste that may cause environmental harm.	DTS/DPF 2.2 The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .

PO 2.3	DTS/DPF 2.3
Marine aquaculture is designed to not involve discharge of human waste on the site, on any adjacent land or into nearby waters.	The development does not include toilet facilities located over water.
PO 2.4	DTS/DPF 2.4
Marine aquaculture (other than inter-tidal aquaculture) is located an appropriate distance seaward of the high water mark.	Marine aquaculture development is located 100m or more seaward of the high water mark or The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .
PO 2.5	DTS/DPF 2.5
Marine aquaculture is sited and designed to not obstruct or interfere with: (a) areas of high public use (b) areas, including beaches, used for recreational activities such as swimming, fishing, skiing, sailing and other water sports (c) areas of outstanding visual or environmental value (d) areas of high tourism value (e) areas of important regional or state economic activity, including commercial ports, wharfs and jetties (f) the operation of infrastructure facilities including inlet and outlet pipes associated with the desalination of sea water.	None are applicable.
PO 2.6	DTS/DPF 2.6
Marine aquaculture is sited and designed to minimise interference and obstruction to the natural processes of the coastal and marine environment.	None are applicable.
PO 2.7	DTS/DPF 2.7
Marine aquaculture is designed to be as unobtrusive as practicable by incorporating measures such as: (a) using feed hoppers painted in subdued colours and suspending them as close as possible to the surface of the water (b) positioning structures to protrude the minimum distance practicable above the surface of the water (c) avoiding the use of shelters and structures above cages and platforms unless necessary to exclude predators and protected species from interacting with the farming structures and/or stock inside the cages, or for safety reasons (d) positioning racks, floats and other farm structures in unobtrusive locations landward from the shoreline.	None are applicable.
PO 2.8	DTS/DPF 2.8
Access, launching and maintenance facilities utilise existing established roads, tracks, ramps and paths to or from the sea where possible to minimise environmental and amenity impacts.	The development utilises existing established roads, tracks, ramps and/or paths (as applicable) to access the sea.
PO 2.9	DTS/DPF 2.9
Access, launching and maintenance facilities are developed as common user facilities and are co-located where practicable to mitigate adverse impacts on coastal areas.	The development utilises existing established roads, tracks, ramps and/or paths (as applicable) to access the sea.
PO 2.10	DTS/DPF 2.10
Marine aquaculture is sited to minimise potential impacts on, and to protect the integrity of, reserves under the <i>National Parks and Wildlife Act 1972</i> .	Marine aquaculture is located 1000m or more seaward of the boundary of any reserve under the <i>National Parks and Wildlife Act 1972</i> .
PO 2.11	DTS/DPF 2.11
Onshore storage, cooling and processing facilities do not impair the coastline and its visual amenity by: (a) being sited, designed, landscaped and of a scale to reduce the overall bulk and appearance of buildings and complement the coastal landscape (b) making provision for appropriately sited and designed vehicular access arrangements, including using existing vehicular access arrangements as far as practicable (c) incorporating appropriate waste treatment and disposal.	The development does not include any onshore facilities in conjunction with a proposal for marine aquaculture.
Navigation and Safety	
PO 3.1	DTS/DPF 3.1
Marine aquaculture sites are suitably marked to maintain navigational safety.	The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .
PO 3.2	DTS/DPF 3.2
Marine aquaculture is sited to provide adequate separation between farms for safe navigation.	The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .

Environmental Management	
PO 4.1 Marine aquaculture is maintained to prevent hazards to people and wildlife, including breeding grounds and habitats of native marine mammals and terrestrial fauna, especially migratory species.	DTS/DPF 4.1 None are applicable.
PO 4.2 Marine aquaculture is designed to facilitate the relocation or removal of structures in the case of emergency such as oil spills, algal blooms and altered water flows.	DTS/DPF 4.2 None are applicable.
PO 4.3 Marine aquaculture provides for progressive or future reclamation of disturbed areas ahead of, or upon, decommissioning.	DTS/DPF 4.3 None are applicable.
PO 4.4 Aquaculture operations incorporate measures for the removal and disposal of litter, disused material, shells, debris, detritus, dead animals and animal waste to prevent pollution of waters, wetlands, or the nearby coastline.	DTS/DPF 4.4 The development is the subject of an aquaculture lease and/or licence (as applicable) granted under the <i>Aquaculture Act 2001</i> .

Beverage Production in Rural Areas

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Mitigation of potential amenity and environmental impacts of value-adding beverage production facilities such as wineries, distilleries, cideries and breweries.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Odour and Noise	
PO 1.1 Beverage production activities are designed and sited to minimise odour impacts on rural amenity.	DTS/DPF 1.1 None are applicable.
PO 1.2 Beverage production activities are designed and sited to minimise noise impacts on sensitive receivers.	DTS/DPF 1.2 None are applicable.
PO 1.3 Fermentation, distillation, manufacturing, storage, packaging and bottling activities occur within enclosed buildings to improve the visual appearance within a locality and manage noise associated with these activities.	DTS/DPF 1.3 None are applicable.
PO 1.4 Breweries are designed to minimise odours emitted during boiling and fermentation stages of production.	DTS/DPF 1.4 Brew kettles are fitted with a vapour condenser.
PO 1.5 Beverage production solid wastes are stored in a manner that minimises odour impacts on sensitive receivers in other ownership.	DTS/DPF 1.5 Solid waste from beverage production is collected and stored in sealed containers and removed from the site within 48 hours.
Water Quality	
PO 2.1 Beverage production wastewater management systems (including wastewater irrigation) are set back from watercourses to minimise adverse impacts on water resources.	DTS/DPF 2.1 Wastewater management systems are set back 50m or more from the banks of watercourses and bores.
PO 2.2 The storage or disposal of chemicals or hazardous substances is undertaken in a manner to prevent pollution of water resources.	DTS/DPF 2.2 None are applicable.

PO 2.3 Stormwater runoff from areas that may cause contamination due to beverage production activities (including vehicle movements and machinery operations) is drained to an onsite stormwater treatment system to manage potential environmental impacts.	DTS/DPF 2.3 None are applicable.
PO 2.4 Stormwater runoff from areas unlikely to cause contamination by beverage production and associated activities (such as roof catchments and clean hard-paved surfaces) is diverted away from beverage production areas and wastewater management systems.	DTS/DPF 2.4 None are applicable.
Wastewater Irrigation	
PO 3.1 Beverage production wastewater irrigation systems are designed and located to not contaminate soil and surface and ground water resources or damage crops.	DTS/DPF 3.1 None are applicable.
PO 3.2 Beverage production wastewater irrigation systems are designed and located to minimise impact on amenity and avoid spray drift onto adjoining land.	DTS/DPF 3.2 Beverage production wastewater is not irrigated within 50m of any dwelling in other ownership.
PO 3.3 Beverage production wastewater is not irrigated onto areas that pose an undue risk to the environment or amenity such as: (a) waterlogged areas (b) land within 50m of a creek, swamp or domestic or stock water bore (c) land subject to flooding (d) steeply sloping land (e) rocky or highly permeable soil overlaying an unconfined aquifer.	DTS/DPF 3.3 None are applicable.

Bulk Handling and Storage Facilities

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Facilities for the bulk handling and storage of agricultural, mineral, petroleum, rock, ore or other similar commodities are designed to minimise adverse impacts on transport networks, the landscape and surrounding land uses.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Siting and Design	
PO 1.1 Bulk handling and storage facilities are sited and designed to minimise risks of adverse air quality and noise impacts on sensitive receivers.	DTS/DPF 1.1 Facilities for the handling, storage and dispatch of commodities in bulk (excluding processing) meet the following minimum separation distances from sensitive receivers: (a) bulk handling of agricultural crop products, rock, ores, minerals, petroleum products or chemicals at a wharf or wharf side facility (including sea-port grain terminals), where the handling of these materials into or from vessels does not exceed 100 tonnes per day: 300m or more from residential premises not associated with the facility (b) bulk handling of agricultural crop products, rock, ores, minerals, petroleum products or chemicals to or from any commercial storage facility: 300m or more from residential premises not associated with the facility (c) bulk petroleum storage involving individual containers with a capacity up to 200 litres and a total on-site storage capacity not exceeding 1,000 cubic metres: 500m or more (d) coal handling with: a. capacity up to 1 tonne per day or a storage capacity up to 50 tonnes: 500m or more b. capacity exceeding 1 tonne per day but not exceeding 100 tonnes per day or a storage capacity exceeding 50 tonnes but not exceeding 5000 tonnes: 1000m or more.

Buffers and Landscaping	
PO 2.1 Bulk handling and storage facilities incorporate a buffer area for the establishment of dense landscaping adjacent road frontages to enhance the appearance of land and buildings from public thoroughfares.	DTS/DPF 2.1 None are applicable.
PO 2.2 Bulk handling and storage facilities incorporate landscaping to assist with screening and dust filtration.	DTS/DPF 2.2 None are applicable.
Access and Parking	
PO 3.1 Roadways and vehicle parking areas associated with bulk handling and storage facilities are designed and surfaced to control dust emissions and prevent drag out of material from the site.	DTS/DPF 3.1 Roadways and vehicle parking areas are sealed with an all-weather surface.
Slipways, Wharves and Pontoons	
PO 4.1 Slipways, wharves and pontoons used for the handling of bulk materials (such as fuel, oil, catch, bait and the like) incorporate catchment devices to avoid the release of materials into adjacent waters.	DTS/DPF 4.1 None are applicable.

Clearance from Overhead Powerlines

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Protection of human health and safety when undertaking development in the vicinity of overhead transmission powerlines.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
PO 1.1 Buildings are adequately separated from aboveground powerlines to minimise potential hazard to people and property.	DTS/DPF 1.1 One of the following is satisfied: (a) a declaration is provided by or on behalf of the applicant to the effect that the proposal would not be contrary to the regulations prescribed for the purposes of section 86 of the <i>Electricity Act 1996</i> (b) there are no aboveground powerlines adjoining the site that are the subject of the proposed development.

Design

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Development is: (a) contextual - by considering, recognising and carefully responding to its natural surroundings or built environment and positively contributes to the character of the immediate area (b) durable - fit for purpose, adaptable and long lasting (c) inclusive - by integrating landscape design to optimise pedestrian and cyclist usability, privacy and equitable access, and promoting the provision of quality spaces integrated with the public realm that can be used for access and recreation and help optimise security and safety both internally and within the public realm, for occupants and visitors (d) sustainable - by integrating sustainable techniques into the design and siting of development and landscaping to improve community health, urban heat, water management, environmental performance, biodiversity and local amenity and to minimise energy consumption.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
All development	
External Appearance	
PO 1.1 Buildings reinforce corners through changes in setback, articulation, materials, colour and massing (including height, width, bulk, roof form and slope).	DTS/DPF 1.1 None are applicable.
PO 1.2 Where zero or minor setbacks are desirable, development provides shelter over footpaths (in the form of verandahs, awnings, canopies and the like, with adequate lighting) to positively contribute to the walkability, comfort and safety of the public realm.	DTS/DPF 1.2 None are applicable.
PO 1.3 Building elevations facing the primary street (other than ancillary buildings) are designed and detailed to convey purpose, identify main access points and complement the streetscape.	DTS/DPF 1.3 None are applicable.
PO 1.4 Plant, exhaust and intake vents and other technical equipment is integrated into the building design to minimise visibility from the public realm and negative impacts on residential amenity by: (a) positioning plant and equipment in unobtrusive locations viewed from public roads and spaces (b) screening rooftop plant and equipment from view (c) when located on the roof of non-residential development, locating the plant and equipment as far as practicable from adjacent sensitive land uses.	DTS/DPF 1.4 Development does not incorporate any structures that protrude beyond the roofline.
PO 1.5 The negative visual impact of outdoor storage, waste management, loading and service areas is minimised by integrating them into the building design and screening them from public view (such as fencing, landscaping and built form) taking into account the form of development contemplated in the relevant zone.	DTS/DPF 1.5 None are applicable.
Safety	
PO 2.1 Development maximises opportunities for passive surveillance of the public realm by providing clear lines of sight, appropriate lighting and the use of visually permeable screening wherever practicable.	DTS/DPF 2.1 None are applicable.
PO 2.2 Development is designed to differentiate public, communal and private areas.	DTS/DPF 2.2 None are applicable.
PO 2.3 Buildings are designed with safe, perceptible and direct access from public street frontages and vehicle parking areas.	DTS/DPF 2.3 None are applicable.
PO 2.4 Development at street level is designed to maximise opportunities for passive surveillance of the adjacent public realm.	DTS/DPF 2.4 None are applicable.
PO 2.5 Common areas and entry points of buildings (such as the foyer areas of residential buildings), and non-residential land uses at street level, maximise passive surveillance from the public realm to the inside of the building at night.	DTS/DPF 2.5 None are applicable.
Landscaping	
PO 3.1 Soft landscaping and tree planting is incorporated to: (a) minimise heat absorption and reflection (b) maximise shade and shelter (c) maximise stormwater infiltration (d) enhance the appearance of land and streetscapes (e) contribute to biodiversity.	DTS/DPF 3.1 None are applicable.
PO 3.2 Soft landscaping and tree planting maximises the use of locally indigenous plant species,	DTS/DPF 3.2 None are applicable.

incorporates plant species best suited to current and future climate conditions and avoids pest plant and weed species.	
Environmental Performance	
PO 4.1 Buildings are sited, oriented and designed to maximise natural sunlight access and ventilation to main activity areas, habitable rooms, common areas and open spaces.	DTS/DPF 4.1 None are applicable.
PO 4.2 Buildings are sited and designed to maximise passive environmental performance and minimise energy consumption and reliance on mechanical systems, such as heating and cooling.	DTS/DPF 4.2 None are applicable.
PO 4.3 Buildings incorporate climate-responsive techniques and features such as building and window orientation, use of eaves, verandahs and shading structures, water harvesting, at ground landscaping, green walls, green roofs and photovoltaic cells.	DTS/DPF 4.3 None are applicable.
Water Sensitive Design	
PO 5.1 Development is sited and designed to maintain natural hydrological systems without negatively impacting: (a) the quantity and quality of surface water and groundwater (b) the depth and directional flow of surface water and groundwater (c) the quality and function of natural springs.	DTS/DPF 5.1 None are applicable.
On-site Waste Treatment Systems	
PO 6.1 Dedicated on-site effluent disposal areas do not include any areas to be used for, or could be reasonably foreseen to be used for, private open space, driveways or car parking.	DTS/DPF 6.1 Effluent disposal drainage areas do not: (a) encroach within an area used as private open space or result in less private open space than that specified in Design Table 1 - Private Open Space (b) use an area also used as a driveway (c) encroach within an area used for on-site car parking or result in less on-site car parking than that specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas.
Carparking Appearance	
PO 7.1 Development facing the street is designed to minimise the negative impacts of any semi-basement and undercroft car parking on the streetscapes through techniques such as: (a) limiting protrusion above finished ground level (b) screening through appropriate planting, fencing and mounding (c) limiting the width of openings and integrating them into the building structure.	DTS/DPF 7.1 None are applicable.
PO 7.2 Vehicle parking areas are appropriately located, designed and constructed to minimise impacts on adjacent sensitive receivers through measures such as ensuring they are attractively developed and landscaped, screen fenced and the like.	DTS/DPF 7.2 None are applicable.
PO 7.3 Safe, legible, direct and accessible pedestrian connections are provided between parking areas and the development.	DTS/DPF 7.3 None are applicable.
PO 7.4 Street level vehicle parking areas incorporate tree planting to provide shade and reduce solar heat absorption and reflection.	DTS/DPF 7.4 None are applicable.
PO 7.5 Street level parking areas incorporate soft landscaping to improve visual appearance when viewed from within the site and from public places.	DTS/DPF 7.5 None are applicable.
PO 7.6 Vehicle parking areas and associated driveways are landscaped to provide shade and positively contribute to amenity.	DTS/DPF 7.6 None are applicable.
PO 7.7 Vehicle parking areas and access ways incorporate integrated stormwater management techniques such as permeable or porous surfaces, infiltration systems, drainage swales or rain gardens that integrate with soft landscaping.	DTS/DPF 7.7 None are applicable.

Earthworks and sloping land	
<p>PO 8.1</p> <p>Development, including any associated driveways and access tracks, minimises the need for earthworks to limit disturbance to natural topography.</p>	<p>DTS/DPF 8.1</p> <p>Development does not involve any of the following:</p> <ul style="list-style-type: none"> (a) excavation exceeding a vertical height of 1m (b) filling exceeding a vertical height of 1m (c) a total combined excavation and filling vertical height of 2m or more.
<p>PO 8.2</p> <p>Driveways and access tracks are designed and constructed to allow safe and convenient access on sloping land (with a gradient exceeding 1 in 8).</p>	<p>DTS/DPF 8.2</p> <p>Driveways and access tracks on sloping land (with a gradient exceeding 1 in 8) satisfy (a) and (b):</p> <ul style="list-style-type: none"> (a) do not have a gradient exceeding 25% (1-in-4) at any point along the driveway (b) are constructed with an all-weather trafficable surface.
<p>PO 8.3</p> <p>Driveways and access tracks on sloping land (with a gradient exceeding 1 in 8):</p> <ul style="list-style-type: none"> (a) do not contribute to the instability of embankments and cuttings (b) provide level transition areas for the safe movement of people and goods to and from the development (c) are designed to integrate with the natural topography of the land. 	<p>DTS/DPF 8.3</p> <p>None are applicable.</p>
<p>PO 8.4</p> <p>Development on sloping land (with a gradient exceeding 1 in 8) avoids the alteration of natural drainage lines and includes on-site drainage systems to minimise erosion.</p>	<p>DTS/DPF 8.4</p> <p>None are applicable.</p>
<p>PO 8.5</p> <p>Development does not occur on land at risk of landslip nor increases the potential for landslip or land surface instability.</p>	<p>DTS/DPF 8.5</p> <p>None are applicable.</p>
Fences and Walls	
<p>PO 9.1</p> <p>Fences, walls and retaining walls are of sufficient height to maintain privacy and security without unreasonably impacting the visual amenity and adjoining land's access to sunlight or the amenity of public places.</p>	<p>DTS/DPF 9.1</p> <p>None are applicable.</p>
<p>PO 9.2</p> <p>Landscaping incorporated on the low side of retaining walls is visible from public roads and public open space to minimise visual impacts.</p>	<p>DTS/DPF 9.2</p> <p>A vegetated landscaped strip 1m wide or more is provided against the low side of a retaining wall.</p>
Overlooking / Visual Privacy (in building 3 storeys or less)	
<p>PO 10.1</p> <p>Development mitigates direct overlooking from upper level windows to habitable rooms and private open spaces of adjoining residential uses.</p>	<p>DTS/DPF 10.1</p> <p>Upper level windows facing side or rear boundaries shared with a residential allotment/site satisfy one of the following:</p> <ul style="list-style-type: none"> (a) are permanently obscured to a height of 1.5m above finished floor level and are fixed or not capable of being opened more than 200mm (b) have sill heights greater than or equal to 1.5m above finished floor level (c) incorporate screening with a maximum of 25% openings, permanently fixed no more than 500mm from the window surface and sited adjacent to any part of the window less than 1.5 m above the finished floor level.
<p>PO 10.2</p> <p>Development mitigates direct overlooking from balconies, terraces and decks to habitable rooms and private open space of adjoining residential uses.</p>	<p>DTS/DPF 10.2</p> <p>One of the following is satisfied:</p> <ul style="list-style-type: none"> (a) the longest side of the balcony or terrace will face a public road, public road reserve or public reserve that is at least 15m wide in all places faced by the balcony or terrace or (b) all sides of balconies or terraces on upper building levels are permanently obscured by screening with a maximum 25% transparency/openings fixed to a minimum height of: <ul style="list-style-type: none"> (i) 1.5m above finished floor level where the balcony is located at least 15 metres from the nearest habitable window of a dwelling on adjacent land or (ii) 1.7m above finished floor level in all other cases
All Residential development	
Front elevations and passive surveillance	

<p>PO 11.1</p> <p>Dwellings incorporate windows along primary street frontages to encourage passive surveillance and make a positive contribution to the streetscape.</p>	<p>DTS/DPF 11.1</p> <p>Each dwelling with a frontage to a public street:</p> <ul style="list-style-type: none"> (a) includes at least one window facing the primary street from a habitable room that has a minimum internal room dimension of 2.4m (b) has an aggregate window area of at least 2m² facing the primary street.
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<p>PO 11.2</p> <p>Dwellings incorporate entry doors within street frontages to address the street and provide a legible entry point for visitors.</p>	<p>DTS/DPF 11.2</p> <p>Dwellings with a frontage to a public street have an entry door visible from the primary street boundary.</p>
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Outlook and amenity

<p>PO 12.1</p> <p>Living rooms have an external outlook to provide a high standard of amenity for occupants.</p>	<p>DTS/DPF 12.1</p> <p>A living room of a dwelling incorporates a window with an outlook towards the street frontage or private open space, public open space, or waterfront areas.</p>
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<p>PO 12.2</p> <p>Bedrooms are separated or shielded from active communal recreation areas, common access areas and vehicle parking areas and access ways to mitigate noise and artificial light intrusion.</p>	<p>DTS/DPF 12.2</p> <p>None are applicable.</p>
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Ancillary Development

<p>PO 13.1</p> <p>Residential ancillary buildings and structures are sited and designed to not detract from the streetscape or appearance of buildings on the site or neighbouring properties.</p>	<p>DTS/DPF 13.1</p> <p>Ancillary buildings (excluding ancillary accommodation):</p> <ul style="list-style-type: none"> (a) are ancillary to a dwelling erected on the same site (b) have a floor area not exceeding 60m² (c) are not constructed, added to or altered so that any part is situated: <ul style="list-style-type: none"> (i) in front of any part of the building line of the dwelling to which it is ancillary or (ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads) (d) in the case of a garage or carport, the garage or carport: <ul style="list-style-type: none"> (i) is set back at least 5.5m from the boundary of the primary street (ii) when facing a primary street or secondary street, has a total door / opening not exceeding: <ul style="list-style-type: none"> A. for dwellings of single building level - 7m in width or 50% of the site frontage, whichever is the lesser B. for dwellings comprising two or more building levels at the building line fronting the same public street - 7m in width (e) if situated on a boundary (not being a boundary with a primary street or secondary street), do not exceed a length of 11.5m unless: <ul style="list-style-type: none"> (i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary and (ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent (f) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary (g) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or about the proposed wall or structure (h) have a wall height or post height not exceeding 3m above natural ground level (and not including a gable end) (i) have a roof height where no part of the roof is more than 5m above the natural ground level (j) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour (k) retains a total area of soft landscaping in accordance with (i) or (ii), whichever is less: <ul style="list-style-type: none"> (i) a total area as determined by the following table: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr style="background-color: #2c5e8c; color: white;"> <th style="padding: 5px;">Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m²)</th> <th style="padding: 5px;">Minimum percentage of site</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;"><150</td> <td style="padding: 5px;">10%</td> </tr> <tr> <td style="padding: 5px;">150-200</td> <td style="padding: 5px;">15%</td> </tr> <tr> <td style="padding: 5px;">201-450</td> <td style="padding: 5px;">20%</td> </tr> <tr> <td style="padding: 5px;">>450</td> <td style="padding: 5px;">25%</td> </tr> </tbody> </table> 	Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site	<150	10%	150-200	15%	201-450	20%	>450	25%
Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site										
<150	10%										
150-200	15%										
201-450	20%										
>450	25%										

	<p>(ii) the amount of existing soft landscaping prior to the development occurring.</p>						
<p>PO 13.2 Ancillary buildings and structures do not impede on-site functional requirements such as private open space provision or car parking requirements and do not result in over-development of the site.</p>	<p>DTS/DPF 13.2 Ancillary buildings and structures do not result in: (a) less private open space than specified in Design in Urban Areas Table 1 - Private Open Space (b) less on-site car parking than specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas.</p>						
<p>PO 13.3 Fixed plant and equipment in the form of pumps and/or filtration systems for a swimming pool or spa is positioned and/or housed to not cause unreasonable noise nuisance to adjacent sensitive receivers.</p>	<p>DTS/DPF 13.3 The pump and/or filtration system is ancillary to a dwelling erected on the same site and is: (a) enclosed in a solid acoustic structure that is located at least 5m from the nearest habitable room located on an adjoining allotment or (b) located at least 12m from the nearest habitable room located on an adjoining allotment.</p>						
<p>PO 13.4 Buildings and structures that are ancillary to an existing non-residential use do not detract from the streetscape character, appearance of buildings on the site of the development, or the amenity of neighbouring properties.</p>	<p>DTS/DPF 13.4 Non-residential ancillary buildings and structures: (a) are ancillary and subordinate to an existing non-residential use on the same site (b) have a floor area not exceeding the following: <table border="1"> <thead> <tr> <th>Allotment size</th> <th>Floor area</th> </tr> </thead> <tbody> <tr> <td>≤500m²</td> <td>60m²</td> </tr> <tr> <td>>500m²</td> <td>80m²</td> </tr> </tbody> </table> (c) are not constructed, added to or altered so that any part is situated: (i) in front of any part of the building line of the main building to which it is ancillary or (ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads) (d) in the case of a garage or carport, the garage or carport: (i) is set back at least 5.5m from the boundary of the primary street (e) if situated on a boundary (not being a boundary with a primary street or secondary street), do not exceed a length of 11.5m unless: (i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary (ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent (f) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary (g) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or about the proposed wall or structure (h) have a wall height (or post height) not exceeding 3m (and not including a gable end) (i) have a roof height where no part of the roof is more than 5m above the natural ground level (j) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour.</p>	Allotment size	Floor area	≤500m ²	60m ²	>500m ²	80m ²
Allotment size	Floor area						
≤500m ²	60m ²						
>500m ²	80m ²						
<p>PO 13.5 Ancillary accommodation: (a) is sited and designed to not detract from the streetscape or appearance of primary residential buildings on the site or neighbouring properties (b) is integrated within the site of the dwelling to which it is ancillary and incorporates shared utilities and shared open space.</p>	<p>DTS/DPF 13.5 Ancillary accommodation: (a) is ancillary to a dwelling erected on the same site (b) has a floor area not exceeding 70m² (c) is not constructed, added to, or altered so that any part is situated: (i) in front of any part of the building line of the dwelling to which it is ancillary or (ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads) (d) if situated on a boundary (not being a boundary with a primary street or secondary street), does not exceed a length of 11.5m unless: (i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary and (ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent</p>						

	<ul style="list-style-type: none"> (e) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary (f) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or abut the proposed wall or structure (g) has a wall height or post height not exceeding 3m above natural ground level (and not including a gable end) (h) has a roof height where no part of the roof is more than 5m above the natural ground level (i) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour (j) retains a total area of soft landscaping in accordance with (i) or (ii), whichever is less: <ul style="list-style-type: none"> (i) a total area as determined by the following table: <table border="1"> <thead> <tr> <th>Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m²)</th> <th>Minimum percentage of site</th> </tr> </thead> <tbody> <tr> <td><150</td> <td>10%</td> </tr> <tr> <td>150-200</td> <td>15%</td> </tr> <tr> <td>201-450</td> <td>20%</td> </tr> <tr> <td>>450</td> <td>25%</td> </tr> </tbody> </table> (ii) the amount of existing soft landscaping prior to the development occurring. (k) does not have separate connection to utilities and services (such as electricity, gas, water, telecommunications, sewerage system, wastewater system or waste control system) to those servicing the existing dwelling (l) has unrestricted access to the private open space associated with the existing dwelling to which it is ancillary (m) in the case of the Rural Zone, Productive Rural Landscape Zone, or Rural Horticulture Zone, is located within 20m of an existing dwelling. 	Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site	<150	10%	150-200	15%	201-450	20%	>450	25%
Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site										
<150	10%										
150-200	15%										
201-450	20%										
>450	25%										

Garage appearance

<p>PO 14.1</p> <p>Garaging is designed to not detract from the streetscape or appearance of a dwelling.</p>	<p>DTS/DPF 14.1</p> <p>Garages and carports facing a street:</p> <ul style="list-style-type: none"> (a) are situated so that no part of the garage or carport is in front of any part of the building line of the dwelling (b) are set back at least 5.5m from the boundary of the primary street (c) have a garage door / opening not exceeding 7m in width (d) have a garage door /opening width not exceeding 50% of the site frontage unless the dwelling has two or more building levels at the building line fronting the same public street.
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Massing

<p>PO 15.1</p> <p>The visual mass of larger buildings is reduced when viewed from adjoining allotments or public streets.</p>	<p>DTS/DPF 15.1</p> <p>None are applicable</p>
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Dwelling additions

<p>PO 16.1</p> <p>Dwelling additions are sited and designed to not detract from the streetscape or amenity of adjoining properties and do not impede on-site functional requirements.</p>	<p>DTS / DPF 16.1</p> <p>Dwelling additions:</p> <ul style="list-style-type: none"> (a) are not constructed, added to or altered so that any part is situated closer to a public street (b) do not result in: <ul style="list-style-type: none"> (i) excavation exceeding a vertical height of 1m (ii) filling exceeding a vertical height of 1m (iii) a total combined excavation and filling vertical height of 2m or more (iv) less Private Open Space than specified in Design Table 1 - Private Open Space (v) less on-site parking than specified in Transport Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas (vi) upper level windows facing side or rear boundaries unless: <ul style="list-style-type: none"> A. they are permanently obscured to a height of 1.5m above finished floor level that is fixed or not capable of being opened more than 200mm or B. have sill heights greater than or equal to 1.5m above finished floor level or
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	<ul style="list-style-type: none"> C. incorporate screening to a height of 1.5m above finished floor level (vii) all sides of balconies or terraces on upper building levels are permanently obscured by screening with a maximum 25% transparency/openings fixed to a minimum height of: <ul style="list-style-type: none"> A. 1.5m above finished floor level where the balcony is located at least 15 metres from the nearest habitable window of a dwelling on adjacent land B. 1.7m above finished floor level in all other cases.
Private Open Space	
<p>PO 17.1</p> <p>Dwellings are provided with suitable sized areas of usable private open space to meet the needs of occupants.</p>	<p>DTS/DPF 17.1</p> <p>Private open space is provided in accordance with Design Table 1 - Private Open Space.</p>
Water Sensitive Design	
<p>PO 18.1</p> <p>Residential development creating a common driveway / access includes stormwater management systems that minimise the discharge of sediment, suspended solids, organic matter, nutrients, bacteria, litter and other contaminants to the stormwater system, watercourses or other water bodies.</p>	<p>DTS/DPF 18.1</p> <p>Residential development creating a common driveway / access that services 5 or more dwellings achieves the following stormwater runoff outcomes:</p> <ul style="list-style-type: none"> (a) 80 per cent reduction in average annual total suspended solids (b) 60 per cent reduction in average annual total phosphorus (c) 45 per cent reduction in average annual total nitrogen.
<p>PO 18.2</p> <p>Residential development creating a common driveway / access includes a stormwater management system designed to mitigate peak flows and manage the rate and duration of stormwater discharges from the site to ensure that the development does not increase the peak flows in downstream systems.</p>	<p>DTS/DPF 18.2</p> <p>Development creating a common driveway / access that services 5 or more dwellings:</p> <ul style="list-style-type: none"> (a) maintains the pre-development peak flow rate from the site based upon a 0.35 runoff coefficient for the 18.1% AEP 30-minute storm and the stormwater runoff time to peak is not increased or captures and retains the difference in pre-development runoff volume (based upon a 0.35 runoff coefficient) vs post development runoff volume from the site for an 18.1% AEP 30-minute storm; and (b) manages site generated stormwater runoff up to and including the 1% AEP flood event to avoid flooding of buildings.
Car parking, access and manoeuvrability	
<p>PO 19.1</p> <p>Enclosed parking spaces are of a size and dimensions to be functional, accessible and convenient.</p>	<p>DTS/DPF 19.1</p> <p>Residential car parking spaces enclosed by fencing, walls or other structures have the following internal dimensions (separate from any waste storage area):</p> <ul style="list-style-type: none"> (a) single width car parking spaces: <ul style="list-style-type: none"> (i) a minimum length of 5.4m per space (ii) a minimum width of 3.0m (iii) a minimum garage door width of 2.4m (b) double width car parking spaces (side by side): <ul style="list-style-type: none"> (i) a minimum length of 5.4m (ii) a minimum width of 5.4m (iii) minimum garage door width of 2.4m per space.
<p>PO 19.2</p> <p>Uncovered parking spaces are of a size and dimensions to be functional, accessible and convenient.</p>	<p>DTS/DPF 19.2</p> <p>Uncovered car parking spaces have:</p> <ul style="list-style-type: none"> (a) a minimum length of 5.4m (b) a minimum width of 2.4m (c) a minimum width between the centre line of the space and any fence, wall or other obstruction of 1.5m
<p>PO 19.3</p> <p>Driveways and access points are located and designed to facilitate safe access and egress while maximising land available for street tree planting, pedestrian movement, domestic waste collection, landscaped street frontages and on-street parking.</p>	<p>DTS/DPF 19.3</p> <p>Driveways and access points on sites with a frontage to a public road of 10m or less have a width between 3.0 and 3.2 metres measured at the property boundary and are the only access point provided on the site.</p>
<p>PO 19.4</p> <p>Vehicle access is safe, convenient, minimises interruption to the operation of public roads and does not interfere with street infrastructure or street trees.</p>	<p>DTS/DPF 19.4</p> <p>Vehicle access to designated car parking spaces satisfy (a) or (b):</p> <ul style="list-style-type: none"> (a) is provided via a lawfully existing or authorised access point or an access point for which consent has been granted as part of an application for the division of land (b) where newly proposed:

	<ul style="list-style-type: none"> (i) is set back 6m or more from the tangent point of an intersection of 2 or more roads (ii) is set back outside of the marked lines or infrastructure dedicating a pedestrian crossing (iii) does not involve the removal, relocation or damage to of mature street trees, street furniture or utility infrastructure services.
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<p>PO 19.5</p> <p>Driveways are designed to enable safe and convenient vehicle movements from the public road to on-site parking spaces.</p>	<p>DTS/DPF 19.5</p> <p>Driveways are designed and sited so that:</p> <ul style="list-style-type: none"> (a) the gradient of the driveway does not exceed a grade of 1 in 4 and includes transitions to ensure a maximum grade change of 12.5% (1 in 8) for summit changes, and 15% (1 in 6.7) for sag changes, in accordance with AS 2890.1:2004 to prevent vehicles bottoming or scraping (b) the centreline of the driveway has an angle of no less than 70 degrees and no more than 110 degrees from the street boundary to which it takes its access as shown in the following diagram: <div style="text-align: center;"> </div> <ul style="list-style-type: none"> (c) if located to provide access from an alley, lane or right of way - the alley, land or right or way is at least 6.2m wide along the boundary of the allotment / site
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<p>PO 19.6</p> <p>Driveways and access points are designed and distributed to optimise the provision of on-street visitor parking.</p>	<p>DTS/DPF 19.6</p> <p>Where on-street parking is available abutting the site's street frontage, on-street parking is retained in accordance with the following requirements:</p> <ul style="list-style-type: none"> (a) minimum 0.33 on-street spaces per dwelling on the site (rounded up to the nearest whole number) (b) minimum car park length of 5.4m where a vehicle can enter or exit a space directly (c) minimum carpark length of 6m for an intermediate space located between two other parking spaces or to an end obstruction where the parking is indented.
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Waste storage

<p>PO 20.1</p> <p>Provision is made for the adequate and convenient storage of waste bins in a location screened from public view.</p>	<p>DTS/DPF 20.1</p> <p>None are applicable.</p>
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Design of Transportable Dwellings

<p>PO 21.1</p> <p>The sub-floor space beneath transportable buildings is enclosed to give the appearance of a permanent structure.</p>	<p>DTS/DPF 21.1</p> <p>Buildings satisfy (a) or (b):</p> <ul style="list-style-type: none"> (a) are not transportable or (b) the sub-floor space between the building and ground level is clad in a material and finish consistent with the building.
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Group dwelling, residential flat buildings and battle-axe development

Amenity

<p>PO 22.1</p> <p>Dwellings are of a suitable size to accommodate a layout that is well organised and provides a high standard of amenity for occupants.</p>	<p>DTS/DPF 22.1</p> <p>Dwellings have a minimum internal floor area in accordance with the following table:</p> <table border="1"> <thead> <tr> <th>Number of bedrooms</th> <th>Minimum internal floor area</th> </tr> </thead> <tbody> <tr> <td>Studio</td> <td>35m²</td> </tr> <tr> <td>1 bedroom</td> <td>50m²</td> </tr> <tr> <td>2 bedroom</td> <td>65m²</td> </tr> <tr> <td>3+ bedrooms</td> <td>80m² and any dwelling over 3 bedrooms provides an additional 15m² for every additional bedroom</td> </tr> </tbody> </table>	Number of bedrooms	Minimum internal floor area	Studio	35m ²	1 bedroom	50m ²	2 bedroom	65m ²	3+ bedrooms	80m ² and any dwelling over 3 bedrooms provides an additional 15m ² for every additional bedroom
Number of bedrooms	Minimum internal floor area										
Studio	35m ²										
1 bedroom	50m ²										
2 bedroom	65m ²										
3+ bedrooms	80m ² and any dwelling over 3 bedrooms provides an additional 15m ² for every additional bedroom										
<p>PO 22.2</p> <p>The orientation and siting of buildings minimises impacts on the amenity, outlook and privacy of occupants and neighbours.</p>	<p>DTS/DPF 22.2</p> <p>None are applicable.</p>										
<p>PO 22.3</p> <p>Development maximises the number of dwellings that face public open space and public streets and limits dwellings oriented towards adjoining properties.</p>	<p>DTS/DPF 22.3</p> <p>None are applicable.</p>										
<p>PO 22.4</p> <p>Battle-axe development is appropriately sited and designed to respond to the existing neighbourhood context.</p>	<p>DTS/DPF 22.4</p> <p>Dwelling sites/allotments are not in the form of a battle-axe arrangement.</p>										

Communal Open Space

<p>PO 23.1</p> <p>Private open space provision may be substituted for communal open space which is designed and sited to meet the recreation and amenity needs of residents.</p>	<p>DTS/DPF 23.1</p> <p>None are applicable.</p>
<p>PO 23.2</p> <p>Communal open space is of sufficient size and dimensions to cater for group recreation.</p>	<p>DTS/DPF 23.2</p> <p>Communal open space incorporates a minimum dimension of 5 metres.</p>
<p>PO 23.3</p> <p>Communal open space is designed and sited to:</p> <ul style="list-style-type: none"> (a) be conveniently accessed by the dwellings which it services (b) have regard to acoustic, safety, security and wind effects. 	<p>DTS/DPF 23.3</p> <p>None are applicable.</p>
<p>PO 23.4</p> <p>Communal open space contains landscaping and facilities that are functional, attractive and encourage recreational use.</p>	<p>DTS/DPF 23.4</p> <p>None are applicable.</p>
<p>PO 23.5</p> <p>Communal open space is designed and sited to:</p> <ul style="list-style-type: none"> (a) in relation to rooftop or elevated gardens, minimise overlooking into habitable room windows or onto the useable private open space of other dwellings (b) in relation to ground floor communal space, be overlooked by habitable rooms to facilitate passive surveillance. 	<p>DTS/DPF 23.5</p> <p>None are applicable.</p>

Carparking, access and manoeuvrability

<p>PO 24.1</p> <p>Driveways and access points are designed and distributed to optimise the provision of on-street visitor parking.</p>	<p>DTS/DPF 24.1</p> <p>Where on-street parking is available directly adjacent the site, on-street parking is retained adjacent the subject site in accordance with the following requirements:</p> <ul style="list-style-type: none"> (a) minimum 0.33 on-street car parks per proposed dwellings (rounded up to the nearest whole number) (b) minimum car park length of 5.4m where a vehicle can enter or exit a space directly (c) minimum carpark length of 6m for an intermediate space located between two other parking spaces or to an end obstruction where the parking is indented.
<p>PO 24.2</p> <p>The number of vehicular access points onto public roads is minimised to reduce</p>	<p>DTS/DPF 24.2</p> <p>Access to group dwellings or dwellings within a residential flat building is provided via a</p>

interruption of the footpath and positively contribute to public safety and walkability.	single common driveway.
PO 24.3 Residential driveways that service more than one dwelling are designed to allow safe and convenient movement.	DTS/DPF 24.3 Driveways that service more than 1 dwelling or a dwelling on a battle-axe site: (a) have a minimum width of 3m (b) for driveways servicing more than 3 dwellings: (i) have a width of 5.5m or more and a length of 6m or more at the kerb of the primary street (ii) where the driveway length exceeds 30m, incorporate a passing point at least every 30 metres with a minimum width of 5.5m and a minimum length of 6m.
PO 24.4 Residential driveways in a battle-axe configuration are designed to allow safe and convenient movement.	DTS/DPF 24.4 Where in a battle-axe configuration, a driveway servicing one dwelling has a minimum width of 3m.
PO 24.5 Residential driveways that service more than one dwelling are designed to allow passenger vehicles to enter and exit the site and manoeuvre within the site in a safe and convenient manner.	DTS/DPF 24.5 Driveways providing access to more than one dwelling, or a dwelling on a battle-axe site, allow a B85 passenger vehicle to enter and exit the garages or parking spaces in no more than a three-point turn manoeuvre.
PO 24.6 Dwellings are adequately separated from common driveways and manoeuvring areas.	DTS/DPF 24.6 Dwelling walls with entry doors or ground level habitable room windows are set back at least 1.5m from any driveway or area designated for the movement and manoeuvring of vehicles.
Soft Landscaping	
PO 25.1 Soft landscaping is provided between dwellings and common driveways to improve the outlook for occupants and appearance of common areas.	DTS/DPF 25.1 Other than where located directly in front of a garage or a building entry, soft landscaping with a minimum dimension of 1m is provided between a dwelling and common driveway.
PO 25.2 Soft landscaping is provided that improves the appearance of common driveways.	DTS/DPF 25.2 Where a common driveway is located directly adjacent the side or rear boundary of the site, soft landscaping with a minimum dimension of 1m is provided between the driveway and site boundary (excluding along the perimeter of a passing point).
Site Facilities / Waste Storage	
PO 26.1 Provision is made for suitable mailbox facilities close to the major pedestrian entry to the site or conveniently located considering the nature of accommodation and mobility of occupants.	DTS/DPF 26.1 None are applicable.
PO 26.2 Provision is made for suitable external clothes drying facilities.	DTS/DPF 26.2 None are applicable.
PO 26.3 Provision is made for suitable household waste and recyclable material storage facilities which are: (a) located away, or screened, from public view, and (b) conveniently located in proximity to dwellings and the waste collection point.	DTS/DPF 26.3 None are applicable.
PO 26.4 Waste and recyclable material storage areas are located away from dwellings.	DTS/DPF 26.4 Dedicated waste and recyclable material storage areas are located at least 3m from any habitable room window.
PO 26.5 Where waste bins cannot be conveniently collected from the street, provision is made for on-site waste collection, designed to accommodate the safe and convenient access, egress and movement of waste collection vehicles.	DTS/DPF 26.5 None are applicable.
PO 26.6 Services including gas and water meters are conveniently located and screened from public view.	DTS/DPF 26.6 None are applicable.
Supported accommodation and retirement facilities	
Siting and Configuration	
PO 27.1 Supported accommodation and housing for aged persons and people with disabilities is	DTS/DPF 27.1 None are applicable.

located where on-site movement of residents is not unduly restricted by the slope of the land.	
Movement and Access	
PO 28.1 Development is designed to support safe and convenient access and movement for residents by providing: (a) ground-level access or lifted access to all units (b) level entry porches, ramps, paths, driveways, passenger loading areas and areas adjacent to footpaths that allow for the passing of wheelchairs and resting places (c) car parks with gradients no steeper than 1-in-40 and of sufficient area to provide for wheelchair manoeuvrability (d) kerb ramps at pedestrian crossing points.	DTS/DPF 28.1 None are applicable.
Communal Open Space	
PO 29.1 Development is designed to provide attractive, convenient and comfortable indoor and outdoor communal areas to be used by residents and visitors.	DTS/DPF 29.1 None are applicable.
PO 29.2 Private open space provision may be substituted for communal open space which is designed and sited to meet the recreation and amenity needs of residents.	DTS/DPF 29.2 None are applicable.
PO 29.3 Communal open space is of sufficient size and dimensions to cater for group recreation.	DTS/DPF 29.3 Communal open space incorporates a minimum dimension of 5 metres.
PO 29.4 Communal open space is designed and sited to: (a) be conveniently accessed by the dwellings which it services (b) have regard to acoustic, safety, security and wind effects.	DTS/DPF 29.4 None are applicable.
PO 29.5 Communal open space contains landscaping and facilities that are functional, attractive and encourage recreational use.	DTS/DPF 29.5 None are applicable.
PO 29.6 Communal open space is designed and sited to: (a) in relation to rooftop or elevated gardens, minimise overlooking into habitable room windows or onto the useable private open space of other dwellings (b) in relation to ground floor communal space, be overlooked by habitable rooms to facilitate passive surveillance.	DTS/DPF 29.6 None are applicable.
Site Facilities / Waste Storage	
PO 30.1 Development is designed to provide storage areas for personal items and specialised equipment such as small electric powered vehicles, including facilities for the recharging of small electric powered vehicles.	DTS/DPF 30.1 None are applicable.
PO 30.2 Provision is made for suitable mailbox facilities close to the major pedestrian entry to the site or conveniently located considering the nature of accommodation and mobility of occupants.	DTS/DPF 30.2 None are applicable.
PO 30.3 Provision is made for suitable external clothes drying facilities.	DTS/DPF 30.3 None are applicable.
PO 30.4 Provision is made for suitable household waste and recyclable material storage facilities conveniently located and screened from public view.	DTS/DPF 30.4 None are applicable.
PO 30.5 Waste and recyclable material storage areas are located away from dwellings.	DTS/DPF 30.5 Dedicated waste and recyclable material storage areas are located at least 3m from any habitable room window.
PO 30.6 Provision is made for on-site waste collection where 10 or more bins are to be collected at any one time.	DTS/DPF 30.6 None are applicable.
PO 30.7	DTS/DPF 30.7

Services including gas and water meters are conveniently located and screened from public view.	None are applicable.
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All non-residential development

Water Sensitive Design

PO 31.1 Development likely to result in significant risk of export of litter, oil or grease includes stormwater management systems designed to minimise pollutants entering stormwater.	DTS/DPF 31.1 None are applicable.
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PO 31.2 Water discharged from a development site is of a physical, chemical and biological condition equivalent to or better than its pre-developed state.	DTS/DPF 31.2 None are applicable.
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Wash-down and Waste Loading and Unloading

PO 32.1 Areas for activities including loading and unloading, storage of waste refuse bins in commercial and industrial development or wash-down areas used for the cleaning of vehicles, vessels, plant or equipment are: (a) designed to contain all wastewater likely to pollute stormwater within a bunded and roofed area to exclude the entry of external surface stormwater run-off (b) paved with an impervious material to facilitate wastewater collection (c) of sufficient size to prevent 'splash-out' or 'over-spray' of wastewater from the wash-down area (d) designed to drain wastewater to either: (i) a treatment device such as a sediment trap and coalescing plate oil separator with subsequent disposal to a sewer, private or Community Wastewater Management Scheme or (ii) a holding tank and its subsequent removal off-site on a regular basis.	DTS/DPF 32.1 None are applicable.
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Decks

Design and Siting

PO 33.1 Decks are designed and sited to: (a) complement the associated building form (b) minimise impacts on the streetscape through siting behind the building line of the principal building (unless on a significant allotment or open space) (c) minimise cut and fill and overall massing when viewed from adjacent land.	DTS/DPF 33.1 Decks: (a) where ancillary to a dwelling: (i) are not constructed, added to or altered so that any part is situated: A. in front of any part of the building line of the dwelling to which it is ancillary or B. within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads) (ii) are set back at least 900mm from side or rear allotment boundaries (iii) when attached to the dwelling, has a finished floor level consistent with the finished ground floor level of the dwelling (iv) where associated with a residential use, retains a total area of soft landscaping for the entire development site, including any common property, with a minimum dimension of 700mm in accordance with (A) or (B), whichever is less: A. a total area is determined by the following table: <table border="1"> <thead> <tr> <th>Site area (or in the case of residential flat building or group dwelling(s), average site area) (m²)</th> <th>Minimum percentage of site</th> </tr> </thead> <tbody> <tr> <td><150</td> <td>10%</td> </tr> <tr> <td>150-200</td> <td>15%</td> </tr> <tr> <td>>200-450</td> <td>20%</td> </tr> <tr> <td>>450</td> <td>25%</td> </tr> </tbody> </table> B. the amount of existing soft landscaping prior to the development occurring. (b) where in association with a non-residential use: (i) are set back at least 2 metres from the boundary of an allotment used for residential purposes. (ii) are set back at least 2 metres from a public road. (iii) have a floor area not exceeding 25m ²	Site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site	<150	10%	150-200	15%	>200-450	20%	>450	25%
Site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site										
<150	10%										
150-200	15%										
>200-450	20%										
>450	25%										

	(c) in all cases, has a finished floor level not exceeding 1 metre above natural ground level at any point.
PO 33.2 Decks are designed and sited to minimise direct overlooking of habitable rooms and private open spaces of adjoining residential uses in neighbourhood-type zones through suitable floor levels, screening and siting taking into account the slope of the subject land, existing vegetation on the subject land, and fencing.	DTS/DPF 33.2 Decks with a finished floor level/s 500mm or more above natural ground level facing side or rear boundaries shared with a residential use in a neighbourhood-type zone incorporate screening with a maximum of 25% transparency/openings, permanently fixed to the outer edge of the deck not less than 1.5 m above the finished floor level/s.
PO 33.3 Decks used for outdoor dining, entertainment or other commercial uses provide carparking in accordance with the primary use of the deck.	DTS/DPF 33.3 Decks used for commercial purposes do not result in less on-site car parking for the primary use of the subject land than specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas.

Table 1 - Private Open Space

Dwelling Type	Minimum Rate
Dwelling (at ground level)	Total private open space area: (a) Site area <301m ² : 24m ² located behind the building line. (b) Site area ≥ 301m ² : 60m ² located behind the building line. Minimum directly accessible from a living room: 16m ² / with a minimum dimension 3m.
Dwelling (above ground level)	Studio (no separate bedroom): 4m ² with a minimum dimension 1.8m One bedroom: 8m ² with a minimum dimension 2.1m Two bedroom dwelling: 11m ² with a minimum dimension 2.4m Three + bedroom dwelling: 15m ² with a minimum dimension 2.6m
Cabin or caravan (permanently fixed to the ground) in a residential park or a caravan and tourist park	Total area: 16m ² , which may be used as second car parking space, provided on each site intended for residential occupation.

Design in Urban Areas

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Development is: (a) contextual - by considering, recognising and carefully responding to its natural surroundings or built environment and positively contributing to the character of the locality (b) durable - fit for purpose, adaptable and long lasting (c) inclusive - by integrating landscape design to optimise pedestrian and cyclist usability, privacy and equitable access and promoting the provision of quality spaces integrated with the public realm that can be used for access and recreation and help optimise security and safety both internally and within the public realm, for occupants and visitors (d) sustainable - by integrating sustainable techniques into the design and siting of development and landscaping to improve community health, urban heat, water management, environmental performance, biodiversity and local amenity and to minimise energy consumption.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
DTS/DPF 38.1 None are applicable.	All Development
External Appearance	
PO 1.1 Buildings reinforce corners through changes in setback, articulation, materials, colour	DTS/DPF 1.1 None are applicable.

and massing (including height, width, bulk, roof form and slope).	
PO 1.2 Where zero or minor setbacks are desirable, development provides shelter over footpaths (in the form of verandahs, awnings, canopies and the like, with adequate lighting) to positively contribute to the walkability, comfort and safety of the public realm.	DTS/DPF 1.2 None are applicable.
PO 1.3 Building elevations facing the primary street (other than ancillary buildings) are designed and detailed to convey purpose, identify main access points and complement the streetscape.	DTS/DPF 1.3 None are applicable.
PO 1.4 Plant, exhaust and intake vents and other technical equipment are integrated into the building design to minimise visibility from the public realm and negative impacts on residential amenity by: (a) positioning plant and equipment discretely, in unobtrusive locations as viewed from public roads and spaces (b) screening rooftop plant and equipment from view (c) when located on the roof of non-residential development, locating the plant and equipment as far as practicable from adjacent sensitive land uses.	DTS/DPF 1.4 Development does not incorporate any structures that protrude beyond the roofline.
PO 1.5 The negative visual impact of outdoor storage, waste management, loading and service areas is minimised by integrating them into the building design and screening them from public view (such as fencing, landscaping and built form), taking into account the form of development contemplated in the relevant zone.	DTS/DPF 1.5 None are applicable.
Safety	
PO 2.1 Development maximises opportunities for passive surveillance of the public realm by providing clear lines of sight, appropriate lighting and the use of visually permeable screening wherever practicable.	DTS/DPF 2.1 None are applicable.
PO 2.2 Development is designed to differentiate public, communal and private areas.	DTS/DPF 2.2 None are applicable.
PO 2.3 Buildings are designed with safe, perceptible and direct access from public street frontages and vehicle parking areas.	DTS/DPF 2.3 None are applicable.
PO 2.4 Development at street level is designed to maximise opportunities for passive surveillance of the adjacent public realm.	DTS/DPF 2.4 None are applicable.
PO 2.5 Common areas and entry points of buildings (such as the foyer areas of residential buildings) and non-residential land uses at street level, maximise passive surveillance from the public realm to the inside of the building at night.	DTS/DPF 2.5 None are applicable.
Landscaping	
PO 3.1 Soft landscaping and tree planting are incorporated to: (a) minimise heat absorption and reflection (b) maximise shade and shelter (c) maximise stormwater infiltration (d) enhance the appearance of land and streetscapes.	DTS/DPF 3.1 None are applicable.
Environmental Performance	
PO 4.1 Buildings are sited, oriented and designed to maximise natural sunlight access and ventilation to main activity areas, habitable rooms, common areas and open spaces.	DTS/DPF 4.1 None are applicable.
PO 4.2 Buildings are sited and designed to maximise passive environmental performance and minimise energy consumption and reliance on mechanical systems, such as heating and cooling.	DTS/DPF 4.2 None are applicable.
PO 4.3 Buildings incorporate climate responsive techniques and features such as building and	DTS/DPF 4.3 None are applicable.

window orientation, use of eaves, verandahs and shading structures, water harvesting, at ground landscaping, green walls, green roofs and photovoltaic cells.	
Water Sensitive Design	
<p>PO 5.1</p> <p>Development is sited and designed to maintain natural hydrological systems without negatively impacting:</p> <ul style="list-style-type: none"> (a) the quantity and quality of surface water and groundwater (b) the depth and directional flow of surface water and groundwater (c) the quality and function of natural springs. 	<p>DTS/DPF 5.1</p> <p>None are applicable.</p>
On-site Waste Treatment Systems	
<p>PO 6.1</p> <p>Dedicated on-site effluent disposal areas do not include any areas to be used for, or could be reasonably foreseen to be used for, private open space, driveways or car parking.</p>	<p>DTS/DPF 6.1</p> <p>Effluent disposal drainage areas do not:</p> <ul style="list-style-type: none"> (a) encroach within an area used as private open space or result in less private open space than that specified in Design in Urban Areas Table 1 - Private Open Space (b) use an area also used as a driveway (c) encroach within an area used for on-site car parking or result in less on-site car parking than that specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas.
Car parking appearance	
<p>PO 7.1</p> <p>Development facing the street is designed to minimise the negative impacts of any semi-basement and undercroft car parking on streetscapes through techniques such as:</p> <ul style="list-style-type: none"> (a) limiting protrusion above finished ground level (b) screening through appropriate planting, fencing and mounding (c) limiting the width of openings and integrating them into the building structure. 	<p>DTS/DPF 7.1</p> <p>None are applicable.</p>
<p>PO 7.2</p> <p>Vehicle parking areas appropriately located, designed and constructed to minimise impacts on adjacent sensitive receivers through measures such as ensuring they are attractively developed and landscaped, screen fenced and the like.</p>	<p>DTS/DPF 7.2</p> <p>None are applicable.</p>
<p>PO 7.3</p> <p>Safe, legible, direct and accessible pedestrian connections are provided between parking areas and the development.</p>	<p>DTS/DPF 7.3</p> <p>None are applicable.</p>
<p>PO 7.4</p> <p>Street-level vehicle parking areas incorporate tree planting to provide shade, reduce solar heat absorption and reflection.</p>	<p>DTS/DPF 7.4</p> <p>Vehicle parking areas that are open to the sky and comprise 10 or more car parking spaces include a shade tree with a mature canopy of 4m diameter spaced for each 10 car parking spaces provided and a landscaped strip on any road frontage of a minimum dimension of 1m.</p>
<p>PO 7.5</p> <p>Street level parking areas incorporate soft landscaping to improve visual appearance when viewed from within the site and from public places.</p>	<p>DTS/DPF 7.5</p> <p>Vehicle parking areas comprising 10 or more car parking spaces include soft landscaping with a minimum dimension of:</p> <ul style="list-style-type: none"> (a) 1m along all public road frontages and allotment boundaries (b) 1m between double rows of car parking spaces.
<p>PO 7.6</p> <p>Vehicle parking areas and associated driveways are landscaped to provide shade and positively contribute to amenity.</p>	<p>DTS/DPF 7.6</p> <p>None are applicable.</p>
<p>PO 7.7</p> <p>Vehicle parking areas and access ways incorporate integrated stormwater management techniques such as permeable or porous surfaces, infiltration systems, drainage swales or rain gardens that integrate with soft landscaping.</p>	<p>DTS/DPF 7.7</p> <p>None are applicable.</p>
Earthworks and sloping land	
<p>PO 8.1</p> <p>Development, including any associated driveways and access tracks, minimises the need for earthworks to limit disturbance to natural topography.</p>	<p>DTS/DPF 8.1</p> <p>Development does not involve any of the following:</p> <ul style="list-style-type: none"> (a) excavation exceeding a vertical height of 1m (b) filling exceeding a vertical height of 1m (c) a total combined excavation and filling vertical height of 2m or more.
<p>PO 8.2</p> <p>Driveways and access tracks designed and constructed to allow safe and convenient access on sloping land.</p>	<p>DTS/DPF 8.2</p> <p>Driveways and access tracks on sloping land (with a gradient exceeding 1 in 8) satisfy (a) and (b):</p>

	<ul style="list-style-type: none"> (a) do not have a gradient exceeding 25% (1-in-4) at any point along the driveway (b) are constructed with an all-weather trafficable surface.
PO 8.3 Driveways and access tracks on sloping land (with a gradient exceeding 1 in 8):	DTS/DPF 8.3 None are applicable.
<ul style="list-style-type: none"> (a) do not contribute to the instability of embankments and cuttings (b) provide level transition areas for the safe movement of people and goods to and from the development (c) are designed to integrate with the natural topography of the land. 	
PO 8.4 Development on sloping land (with a gradient exceeding 1 in 8) avoids the alteration of natural drainage lines and includes on site drainage systems to minimise erosion.	DTS/DPF 8.4 None are applicable.
PO 8.5 Development does not occur on land at risk of landslip or increase the potential for landslip or land surface instability.	DTS/DPF 8.5 None are applicable.
Fences and walls	
PO 9.1 Fences, walls and retaining walls of sufficient height maintain privacy and security without unreasonably impacting visual amenity and adjoining land's access to sunlight or the amenity of public places.	DTS/DPF 9.1 None are applicable.
PO 9.2 Landscaping is incorporated on the low side of retaining walls that are visible from public roads and public open space to minimise visual impacts.	DTS/DPF 9.2 A vegetated landscaped strip 1m wide or more is provided against the low side of a retaining wall.
Overlooking / Visual Privacy (low rise buildings)	
PO 10.1 Development mitigates direct overlooking from upper level windows to habitable rooms and private open spaces of adjoining residential uses in neighbourhood-type zones.	DTS/DPF 10.1 Upper level windows facing side or rear boundaries shared with a residential use in a neighbourhood-type zone: <ul style="list-style-type: none"> (a) are permanently obscured to a height of 1.5m above finished floor level and are fixed or not capable of being opened more than 125mm (b) have sill heights greater than or equal to 1.5m above finished floor level (c) incorporate screening with a maximum of 25% openings, permanently fixed no more than 500mm from the window surface and sited adjacent to any part of the window less than 1.5 m above the finished floor level.
PO 10.2 Development mitigates direct overlooking from balconies to habitable rooms and private open space of adjoining residential uses in neighbourhood type zones.	DTS/DPF 10.2 One of the following is satisfied: <ul style="list-style-type: none"> (a) the longest side of the balcony or terrace will face a public road, public road reserve or public reserve that is at least 15m wide in all places faced by the balcony or terrace or (b) all sides of balconies or terraces on upper building levels are permanently obscured by screening with a maximum 25% transparency/openings fixed to a minimum height of: <ul style="list-style-type: none"> (i) 1.5m above finished floor level where the balcony is located at least 15 metres from the nearest habitable window of a dwelling on adjacent land or (ii) 1.7m above finished floor level in all other cases
Site Facilities / Waste Storage (excluding low rise residential development)	
PO 11.1 Development provides a dedicated area for on-site collection and sorting of recyclable materials and refuse, green organic waste and wash bay facilities for the ongoing maintenance of bins that is adequate in size considering the number and nature of the activities they will serve and the frequency of collection.	DTS/DPF 11.1 None are applicable.
PO 11.2 Communal waste storage and collection areas are located, enclosed and designed to be screened from view from the public domain, open space and dwellings.	DTS/DPF 11.2 None are applicable.
PO 11.3 Communal waste storage and collection areas are designed to be well ventilated and located away from habitable rooms.	DTS/DPF 11.3 None are applicable.
PO 11.4 Communal waste storage and collection areas are designed to allow waste and recycling collection vehicles to enter and leave the site without reversing.	DTS/DPF 11.4 None are applicable.
PO 11.5 For mixed use developments, non-residential waste and recycling storage areas and access provide opportunities for on-site management of food waste through composting or other waste recovery as appropriate.	DTS/DPF 11.5 None are applicable.
All Development - Medium and High Rise	

External Appearance	
PO 12.1 Buildings positively contribute to the character of the local area by responding to local context.	DTS/DPF 12.1 None are applicable.
PO 12.2 Architectural detail at street level and a mixture of materials at lower building levels near the public interface are provided to reinforce a human scale.	DTS/DPF 12.2 None are applicable.
PO 12.3 Buildings are designed to reduce visual mass by breaking up building elevations into distinct elements.	DTS/DPF 12.3 None are applicable.
PO 12.4 Boundary walls visible from public land include visually interesting treatments to break up large blank elevations.	DTS/DPF 12.4 None are applicable.
PO 12.5 External materials and finishes are durable and age well to minimise ongoing maintenance requirements.	DTS/DPF 12.5 Buildings utilise a combination of the following external materials and finishes: (a) masonry (b) natural stone (c) pre-finished materials that minimise staining, discolouring or deterioration.
PO 12.6 Street-facing building elevations are designed to provide attractive, high quality and pedestrian-friendly street frontages.	DTS/DPF 12.6 Building street frontages incorporate: (a) active uses such as shops or offices (b) prominent entry areas for multi-storey buildings (where it is a common entry) (c) habitable rooms of dwellings (d) areas of communal public realm with public art or the like, where consistent with the zone and/or subzone provisions.
PO 12.7 Entrances to multi-storey buildings are safe, attractive, welcoming, functional and contribute to streetscape character.	DTS/DPF 12.7 Entrances to multi-storey buildings are: (a) oriented towards the street (b) clearly visible and easily identifiable from the street and vehicle parking areas (c) designed to be prominent, accentuated and a welcoming feature if there are no active or occupied ground floor uses (d) designed to provide shelter, a sense of personal address and transitional space around the entry (e) located as close as practicable to the lift and / or lobby access to minimise the need for long access corridors (f) designed to avoid the creation of potential areas of entrapment.
PO 12.8 Building services, plant and mechanical equipment are screened from the public realm.	DTS/DPF 12.8 None are applicable.

Landscaping

PO 13.1 Development facing a street provides a well landscaped area that contains a deep soil space to accommodate a tree of a species and size adequate to provide shade, contribute to tree canopy targets and soften the appearance of buildings.	DTS/DPF 13.1 Buildings provide a 4m by 4m deep soil space in front of the building that accommodates a medium to large tree, except where no building setback from front property boundaries is desired.																
PO 13.2 Deep soil zones are provided to retain existing vegetation or provide areas that can accommodate new deep root vegetation, including tall trees with large canopies to provide shade and soften the appearance of multi-storey buildings.	<p>DTS/DPF 13.2 Multi-storey development provides deep soil zones and incorporates trees at not less than the following rates, except in a location or zone where full site coverage is desired.</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="background-color: #0056b3; color: white;">Site area</th> <th style="background-color: #0056b3; color: white;">Minimum deep soil area</th> <th style="background-color: #0056b3; color: white;">Minimum dimension</th> <th style="background-color: #0056b3; color: white;">Tree / deep soil zones</th> </tr> </thead> <tbody> <tr> <td><300 m²</td> <td>10 m²</td> <td>1.5m</td> <td>1 small tree / 10 m²</td> </tr> <tr> <td>300-1500 m²</td> <td>7% site area</td> <td>3m</td> <td>1 medium tree / 30 m²</td> </tr> <tr> <td>>1500 m²</td> <td>7% site area</td> <td>6m</td> <td>1 large or medium tree / 60 m²</td> </tr> </tbody> </table> <p>Tree size and site area definitions</p>	Site area	Minimum deep soil area	Minimum dimension	Tree / deep soil zones	<300 m ²	10 m ²	1.5m	1 small tree / 10 m ²	300-1500 m ²	7% site area	3m	1 medium tree / 30 m ²	>1500 m ²	7% site area	6m	1 large or medium tree / 60 m ²
Site area	Minimum deep soil area	Minimum dimension	Tree / deep soil zones														
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300-1500 m ²	7% site area	3m	1 medium tree / 30 m ²														
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	Small tree	4-6m mature height and 2-4m canopy spread
	Medium tree	6-12m mature height and 4-8m canopy spread
	Large tree	12m mature height and >8m canopy spread
	Site area	The total area for development site, not average area per dwelling
PO 13.3 Deep soil zones with access to natural light are provided to assist in maintaining vegetation health.	DTS/DPF 13.3	None are applicable.
PO 13.4 Unless separated by a public road or reserve, development sites adjacent to any zone that has a primary purpose of accommodating low-rise residential development incorporate a deep soil zone along the common boundary to enable medium to large trees to be retained or established to assist in screening new buildings of 3 or more building levels in height.	DTS/DPF 13.4	Building elements of 3 or more building levels in height are set back at least 6m from a zone boundary in which a deep soil zone area is incorporated.
Environmental		
PO 14.1 Development minimises detrimental micro-climatic impacts on adjacent land and buildings.	DTS/DPF 14.1	None are applicable.
PO 14.2 Development incorporates sustainable design techniques and features such as window orientation, eaves and shading structures, water harvesting and use, green walls and roof designs that enable the provision of rain water tanks (where they are not provided elsewhere on site), green roofs and photovoltaic cells.	DTS/DPF 14.2	None are applicable.
PO 14.3 Development of 5 or more building levels, or 21m or more in height (as measured from natural ground level and excluding roof-mounted mechanical plant and equipment) is designed to minimise the impacts of wind through measures such as: (a) a podium at the base of a tall tower and aligned with the street to deflect wind away from the street (b) substantial verandahs around a building to deflect downward travelling wind flows over pedestrian areas (c) the placement of buildings and use of setbacks to deflect the wind at ground level (d) avoiding tall shear elevations that create windy conditions at street level.	DTS/DPF 14.3	None are applicable.
Car Parking		
PO 15.1 Multi-level vehicle parking structures are designed to contribute to active street frontages and complement neighbouring buildings.	DTS/DPF 15.1	Multi-level vehicle parking structures within buildings: (a) provide land uses such as commercial, retail or other non-car parking uses along ground floor street frontages (b) incorporate facade treatments in building elevations facing along major street frontages that are sufficiently enclosed and detailed to complement adjacent buildings.
PO 15.2 Multi-level vehicle parking structures within buildings complement the surrounding built form in terms of height, massing and scale.	DTS/DPF 15.2	None are applicable.
Overlooking/Visual Privacy		
PO 16.1 Development mitigates direct overlooking of habitable rooms and private open spaces of adjacent residential uses in neighbourhood-type zones through measures such as: (a) appropriate site layout and building orientation (b) off-setting the location of balconies and windows of habitable rooms or areas with those of other buildings so that views are oblique rather than direct to avoid direct line of sight (c) building setbacks from boundaries (including building boundary to boundary where appropriate) that interrupt views or that provide a spatial separation between balconies or windows of habitable rooms (d) screening devices that are integrated into the building design and have minimal negative effect on residents' or neighbours' amenity.	DTS/DPF 16.1	None are applicable.
All residential development		

Front elevations and passive surveillance									
<p>PO 17.1</p> <p>Dwellings incorporate windows facing primary street frontages to encourage passive surveillance and make a positive contribution to the streetscape.</p>	<p>DTS/DPF 17.1</p> <p>Each dwelling with a frontage to a public street:</p> <ul style="list-style-type: none"> (a) includes at least one window facing the primary street from a habitable room that has a minimum internal room dimension of 2.4m (b) has an aggregate window area of at least 2m² facing the primary street. 								
<p>PO 17.2</p> <p>Dwellings incorporate entry doors within street frontages to address the street and provide a legible entry point for visitors.</p>	<p>DTS/DPF 17.2</p> <p>Dwellings with a frontage to a public street have an entry door visible from the primary street boundary.</p>								
Outlook and Amenity									
<p>PO 18.1</p> <p>Living rooms have an external outlook to provide a high standard of amenity for occupants.</p>	<p>DTS/DPF 18.1</p> <p>A living room of a dwelling incorporates a window with an external outlook of the street frontage, private open space, public open space, or waterfront areas.</p>								
<p>PO 18.2</p> <p>Bedrooms are separated or shielded from active communal recreation areas, common access areas and vehicle parking areas and access ways to mitigate noise and artificial light intrusion.</p>	<p>DTS/DPF 18.2</p> <p>None are applicable.</p>								
Ancillary Development									
<p>PO 19.1</p> <p>Residential ancillary buildings are sited and designed to not detract from the streetscape or appearance of primary residential buildings on the site or neighbouring properties.</p>	<p>DTS/DPF 19.1</p> <p>Ancillary buildings (excluding ancillary accommodation):</p> <ul style="list-style-type: none"> (a) are ancillary to a dwelling erected on the same site (b) have a floor area not exceeding 60m² (c) are not constructed, added to or altered so that any part is situated: <ul style="list-style-type: none"> (i) in front of any part of the building line of the dwelling to which it is ancillary or (ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads) (d) in the case of a garage or carport, the garage or carport: <ul style="list-style-type: none"> (i) is set back at least 5.5m from the boundary of the primary street (ii) when facing a primary street or secondary street, has a total door / opening not exceeding: <ul style="list-style-type: none"> A. for dwellings of single building level - 7m in width or 50% of the site frontage, whichever is the lesser B. for dwellings comprising two or more building levels at the building line fronting the same public street - 7m in width (e) if situated on a boundary (not being a boundary with a primary street or secondary street), do not exceed a length of 11.5m unless: <ul style="list-style-type: none"> (i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary and (ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent (f) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary (g) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or about the proposed wall or structure (h) have a wall height or post height not exceeding 3m above natural ground level (and not including a gable end) (i) have a roof height where no part of the roof is more than 5m above the natural ground level (j) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour (k) retains a total area of soft landscaping for the entire development site, including any common property, with a minimum dimension of 700mm in accordance with (i) or (ii), whichever is less: <ul style="list-style-type: none"> (i) a total area as determined by the following table: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th>Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m²)</th> <th>Minimum percentage of site</th> </tr> </thead> <tbody> <tr> <td><150</td> <td>10%</td> </tr> <tr> <td>150-200</td> <td>15%</td> </tr> <tr> <td>>200-450</td> <td>20%</td> </tr> </tbody> </table> 	Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site	<150	10%	150-200	15%	>200-450	20%
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	<table border="1"> <tr> <td>>450</td> <td>25%</td> </tr> </table> <p>(ii) the amount of existing soft landscaping prior to the development occurring.</p>	>450	25%				
>450	25%						
<p>PO 19.2</p> <p>Ancillary buildings and structures do not impede on-site functional requirements such as private open space provision, car parking requirements or result in over-development of the site.</p>	<p>DTS/DPF 19.2</p> <p>Ancillary buildings and structures do not result in:</p> <p>(a) less private open space than specified in Design in Urban Areas Table 1 - Private Open Space</p> <p>(b) less on-site car parking than specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas.</p>						
<p>PO 19.3</p> <p>Fixed plant and equipment in the form of pumps and/or filtration systems for a swimming pool or spa positioned and/or housed to not cause unreasonable noise nuisance to adjacent sensitive receivers.</p>	<p>DTS/DPF 19.3</p> <p>The pump and/or filtration system is ancillary to a dwelling erected on the same site and is:</p> <p>(a) enclosed in a solid acoustic structure that is located at least 5m from the nearest habitable room located on an adjoining allotment or</p> <p>(b) located at least 12m from the nearest habitable room located on an adjoining allotment.</p>						
<p>PO 19.4</p> <p>Buildings and structures that are ancillary to an existing non-residential use do not detract from the streetscape character, appearance of buildings on the site of the development, or the amenity of neighbouring properties.</p>	<p>DTS/DPF 19.4</p> <p>Non-residential ancillary buildings and structures:</p> <p>(a) are ancillary and subordinate to an existing non-residential use on the same site</p> <p>(b) have a floor area not exceeding the following:</p> <table border="1"> <thead> <tr> <th>Allotment size</th> <th>Floor area</th> </tr> </thead> <tbody> <tr> <td>≤500m²</td> <td>60m²</td> </tr> <tr> <td>>500m²</td> <td>80m²</td> </tr> </tbody> </table> <p>(c) are not constructed, added to or altered so that any part is situated:</p> <p>(i) in front of any part of the building line of the main building to which it is ancillary or</p> <p>(ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads)</p> <p>(d) in the case of a garage or carport, the garage or carport:</p> <p>(i) is set back at least 5.5m from the boundary of the primary street</p> <p>(e) if situated on a boundary (not being a boundary with a primary street or secondary street), do not exceed a length of 11.5m unless:</p> <p>(i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary</p> <p>(ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent</p> <p>(f) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary</p> <p>(g) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or about the proposed wall or structure</p> <p>(h) have a wall height (or post height) not exceeding 3m (and not including a gable end)</p> <p>(i) have a roof height where no part of the roof is more than 5m above the natural ground level</p> <p>(j) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour.</p>	Allotment size	Floor area	≤500m ²	60m ²	>500m ²	80m ²
Allotment size	Floor area						
≤500m ²	60m ²						
>500m ²	80m ²						
<p>PO 19.5</p> <p>Ancillary accommodation:</p> <p>(a) is sited and designed to not detract from the streetscape or appearance of primary residential buildings on the site or neighbouring properties</p> <p>(b) is integrated within the site of the dwelling to which it is ancillary and incorporates shared utilities and shared open space.</p>	<p>DTS/DPF 19.5</p> <p>Ancillary accommodation:</p> <p>(a) is ancillary to a dwelling erected on the same site</p> <p>(b) has a floor area not exceeding 70m²</p> <p>(c) is not constructed, added to, or altered so that any part is situated:</p> <p>(i) in front of any part of the building line of the dwelling to which it is ancillary or</p> <p>(ii) within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads)</p> <p>(d) if situated on a boundary (not being a boundary with a primary street or secondary street), does not exceed a length of 11.5m unless:</p> <p>(i) a longer wall or structure exists on the adjacent site and is situated on the same allotment boundary</p>						

- and
- (ii) the proposed wall or structure will be built along the same length of boundary as the existing adjacent wall or structure to the same or lesser extent
- (e) if situated on a boundary of the allotment (not being a boundary with a primary street or secondary street), all walls or structures on the boundary will not exceed 45% of the length of that boundary
- (f) will not be located within 3m of any other wall along the same boundary unless on an adjacent site on that boundary there is an existing wall of a building that would be adjacent to or abut the proposed wall or structure
- (g) has a wall height or post height not exceeding 3m above natural ground level (and not including a gable end)
- (h) has a roof height where no part of the roof is more than 5m above the natural ground level
- (i) if clad in sheet metal, is pre-colour treated or painted in a non-reflective colour
- (j) retains a total area of soft landscaping for the entire development site, including any common property, with a minimum dimension of 700mm in accordance with (i) or (ii), whichever is less:
 - (i) a total area as determined by the following table:

Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site
<150	10%
150-200	15%
>200-450	20%
>450	25%
 - (ii) the amount of existing soft landscaping prior to the development occurring.
- (k) does not have separate connection to utilities and services (such as electricity, gas, water, telecommunications, sewerage system, wastewater system or waste control system) to those servicing the existing dwelling
- (l) has unrestricted access to the private open space associated with the existing dwelling to which it is ancillary
- (m) in the case of the Rural Zone, Productive Rural Landscape Zone, or Rural Horticulture Zone, is located within 20m of an existing dwelling.

Residential Development - Low Rise

External appearance

PO 20.1
Garaging is designed to not detract from the streetscape or appearance of a dwelling.

- DTS/DPF 20.1
Garages and carports facing a street:
- (a) are situated so that no part of the garage or carport will be in front of any part of the building line of the dwelling
 - (b) are set back at least 5.5m from the boundary of the primary street
 - (c) have a garage door / opening width not exceeding 7m
 - (d) have a garage door / opening width not exceeding 50% of the site frontage unless the dwelling has two or more building levels at the building line fronting the same public street.

PO 20.2
Dwelling elevations facing public streets and common driveways make a positive contribution to the streetscape and the appearance of common driveway areas.

- DTS/DPF 20.2
Each dwelling includes at least 3 of the following design features within the building elevation facing a primary street, and at least 2 of the following design features within the building elevation facing any other public road (other than a laneway) or a common driveway:
- (a) a minimum of 30% of the building wall is set back an additional 300mm from the building line
 - (b) a porch or portico projects at least 1m from the building wall
 - (c) a balcony projects from the building wall
 - (d) a verandah projects at least 1m from the building wall
 - (e) eaves of a minimum 400mm width extend along the width of the front elevation
 - (f) a minimum 30% of the width of the upper level projects forward from the lower level primary building line by at least 300mm
 - (g) a minimum of two different materials or finishes are incorporated on the walls of the front building elevation, with a maximum of 80% of the building elevation in a single material or finish.

Private Open Space											
PO 20.3 The visual mass of larger buildings is reduced when viewed from adjoining allotments or public streets.	DTS/DPF 20.3 None are applicable										
PO 21.1 Dwellings are provided with suitable sized areas of usable private open space to meet the needs of occupants.	DTS/DPF 21.1 Private open space is provided in accordance with Design in Urban Areas Table 1 - Private Open Space.										
PO 21.2 Private open space is positioned to provide convenient access from internal living areas.	DTS/DPF 21.2 Private open space is directly accessible from a habitable room.										
Landscaping											
PO 22.1 Soft landscaping is incorporated into development to: (a) minimise heat absorption and reflection (b) contribute shade and shelter (c) provide for stormwater infiltration and biodiversity (d) enhance the appearance of land and streetscapes.	DTS/DPF 22.1 Residential development incorporates soft landscaping with a minimum dimension of 700mm provided in accordance with (a) and (b): (a) a total area for the entire development site, including any common property, as determined by the following table: <table border="1" style="margin-left: 20px;"> <thead> <tr> <th style="background-color: #003366; color: white;">Site area (or in the case of residential flat building, co-located housing or group dwelling(s), average site area) (m²)</th> <th style="background-color: #003366; color: white;">Minimum percentage of site</th> </tr> </thead> <tbody> <tr> <td><150</td> <td>10%</td> </tr> <tr> <td>150-200</td> <td>15%</td> </tr> <tr> <td>>200-450</td> <td>20%</td> </tr> <tr> <td>>450</td> <td>25%</td> </tr> </tbody> </table> (b) at least 30% of any land between the primary street boundary and the primary building line.	Site area (or in the case of residential flat building, co-located housing or group dwelling(s), average site area) (m ²)	Minimum percentage of site	<150	10%	150-200	15%	>200-450	20%	>450	25%
Site area (or in the case of residential flat building, co-located housing or group dwelling(s), average site area) (m ²)	Minimum percentage of site										
<150	10%										
150-200	15%										
>200-450	20%										
>450	25%										
Car parking, access and manoeuvrability											
PO 23.1 Enclosed car parking spaces are of dimensions to be functional, accessible and convenient.	DTS/DPF 23.1 Residential car parking spaces enclosed by fencing, walls or other structures have the following internal dimensions (separate from any waste storage area): (a) single width car parking spaces: (i) a minimum length of 5.4m per space (ii) a minimum width of 3.0m (iii) a minimum garage door width of 2.4m (b) double width car parking spaces (side by side): (i) a minimum length of 5.4m (ii) a minimum width of 5.4m (iii) minimum garage door width of 2.4m per space.										
PO 23.2 Uncovered car parking space are of dimensions to be functional, accessible and convenient.	DTS/DPF 23.2 Uncovered car parking spaces have: (a) a minimum length of 5.4m (b) a minimum width of 2.4m (c) a minimum width between the centre line of the space and any fence, wall or other obstruction of 1.5m.										
PO 23.3 Driveways and access points are located and designed to facilitate safe access and egress while maximising land available for street tree planting, pedestrian movement, domestic waste collection, landscaped street frontages and on-street parking.	DTS/DPF 23.3 Driveways and access points satisfy (a) or (b): (a) sites with a frontage to a public road of 10m or less, have a width between 3.0 and 3.2 metres measured at the property boundary and are the only access point provided on the site (b) sites with a frontage to a public road greater than 10m: (i) have a maximum width of 5m measured at the property boundary and are the only access point provided on the site; (ii) have a width between 3.0 metres and 3.2 metres measured at the property boundary and no more than two access points are provided on site, separated by no less than 1m.										
PO 23.4	DTS/DPF 23.4										

	(b) has a continuous unobstructed path of travel (excluding moveable objects like gates, vehicles and roller doors) with a minimum width of 800mm between the waste bin storage area and the street.
Design of Transportable Buildings	
PO 25.1 The sub-floor space beneath transportable buildings is enclosed to give the appearance of a permanent structure.	DTS/DPF 25.1 Buildings satisfy (a) or (b): (a) are not transportable (b) the sub-floor space between the building and ground level is clad in a material and finish consistent with the building.
Residential Development - Medium and High Rise (including serviced apartments)	
Outlook and Visual Privacy	
PO 26.1 Ground level dwellings have a satisfactory short range visual outlook to public, communal or private open space.	DTS/DPF 26.1 Buildings: (a) provide a habitable room at ground or first level with a window facing toward the street (b) limit the height / extent of solid walls or fences facing the street to 1.2m high above the footpath level or, where higher, to 50% of the site frontage.
PO 26.2 The visual privacy of ground level dwellings within multi-level buildings is protected.	DTS/DPF 26.2 The finished floor level of ground level dwellings in multi-storey developments is raised by up to 1.2m.
Private Open Space	
PO 27.1 Dwellings are provided with suitable sized areas of usable private open space to meet the needs of occupants.	DTS/DPF 27.1 Private open space provided in accordance with Design in Urban Areas Table 1 - Private Open Space.
Residential amenity in multi-level buildings	
PO 28.1 Residential accommodation within multi-level buildings have habitable rooms, windows and balconies designed and positioned to be separated from those of other dwellings and accommodation to provide visual and acoustic privacy and allow for natural ventilation and the infiltration of daylight into interior and outdoor spaces.	DTS/DPF 28.1 Habitable rooms and balconies of independent dwellings and accommodation are separated by at least 6m from one another where there is a direct line of sight between them and 3m or more from a side or rear property boundary.
PO 28.2 Balconies are designed, positioned and integrated into the overall architectural form and detail of the development to: (a) respond to daylight, wind, and acoustic conditions to maximise comfort and provide visual privacy (b) allow views and casual surveillance of the street while providing for safety and visual privacy of nearby living spaces and private outdoor areas.	DTS/DPF 28.2 Balconies utilise one or a combination of the following design elements: (a) sun screens (b) pergolas (c) louvres (d) green facades (e) openable walls.
PO 28.3 Balconies are of sufficient size and depth to accommodate outdoor seating and promote indoor / outdoor living.	DTS/DPF 28.3 Balconies open directly from a habitable room and incorporate a minimum dimension of 2m.
PO 28.4 Dwellings are provided with sufficient space for storage to meet likely occupant needs.	DTS/DPF 28.4 Dwellings (not including student accommodation or serviced apartments) are provided with storage at the following rates with at least 50% or more of the storage volume to be provided within the dwelling: (a) studio: not less than 6m ³ (b) 1 bedroom dwelling / apartment: not less than 8m ³ (c) 2 bedroom dwelling / apartment: not less than 10m ³ (d) 3+ bedroom dwelling / apartment: not less than 12m ³ .
PO 28.5 Dwellings that use light wells for access to daylight, outlook and ventilation for habitable rooms, are designed to ensure a reasonable living amenity is provided.	DTS/DPF 28.5 Light wells: (a) are not used as the primary source of outlook for living rooms (b) up to 18m in height have a minimum horizontal dimension of 3m, or 6m if overlooked by bedrooms (c) above 18m in height have a minimum horizontal dimension of 6m, or 9m if overlooked by bedrooms.
PO 28.6 Attached or abutting dwellings are designed to minimise the transmission of sound between dwellings and, in particular, to protect bedrooms from possible noise intrusions.	DTS/DPF 28.6 None are applicable.

<p>PO 28.7</p> <p>Dwellings are designed so that internal structural columns correspond with the position of internal walls to ensure that the space within the dwelling/apartment is useable.</p>	<p>DTS/DPF 28.7</p> <p>None are applicable.</p>										
<p>Dwelling Configuration</p>											
<p>PO 29.1</p> <p>Buildings containing in excess of 10 dwellings provide a variety of dwelling sizes and a range in the number of bedrooms per dwelling to contribute to housing diversity.</p>	<p>DTS/DPF 29.1</p> <p>Buildings containing in excess of 10 dwellings provide at least one of each of the following:</p> <ul style="list-style-type: none"> (a) studio (where there is no separate bedroom) (b) 1 bedroom dwelling / apartment with a floor area of at least 50m² (c) 2 bedroom dwelling / apartment with a floor area of at least 65m² (d) 3+ bedroom dwelling / apartment with a floor area of at least 80m², and any dwelling over 3 bedrooms provides an additional 15m² for every additional bedroom. 										
<p>PO 29.2</p> <p>Dwellings located on the ground floor of multi-level buildings with 3 or more bedrooms have the windows of their habitable rooms overlooking internal courtyard space or other public space, where possible.</p>	<p>DTS/DPF 29.2</p> <p>None are applicable.</p>										
<p>Common Areas</p>											
<p>PO 30.1</p> <p>The size of lifts, lobbies and corridors is sufficient to accommodate movement of bicycles, strollers, mobility aids and visitor waiting areas.</p>	<p>DTS/DPF 30.1</p> <p>Common corridor or circulation areas:</p> <ul style="list-style-type: none"> (a) have a minimum ceiling height of 2.7m (b) provide access to no more than 8 dwellings (c) incorporate a wider section at apartment entries where the corridors exceed 12m in length from a core. 										
<p>Co-located Housing, Group Dwellings, Residential Flat Buildings and Battle axe Development</p>											
<p>Amenity</p>											
<p>PO 31.1</p> <p>Dwellings are of a suitable size to provide a high standard of amenity for occupants.</p>	<p>DTS/DPF 31.1</p> <p>Dwellings have a minimum internal floor area in accordance with the following table:</p> <table border="1"> <thead> <tr> <th>Number of bedrooms</th> <th>Minimum internal floor area</th> </tr> </thead> <tbody> <tr> <td>Studio</td> <td>35m²</td> </tr> <tr> <td>1 bedroom</td> <td>50m²</td> </tr> <tr> <td>2 bedroom</td> <td>65m²</td> </tr> <tr> <td>3+ bedrooms</td> <td>80m² and any dwelling over 3 bedrooms provides an additional 15m² for every additional bedroom</td> </tr> </tbody> </table>	Number of bedrooms	Minimum internal floor area	Studio	35m ²	1 bedroom	50m ²	2 bedroom	65m ²	3+ bedrooms	80m ² and any dwelling over 3 bedrooms provides an additional 15m ² for every additional bedroom
Number of bedrooms	Minimum internal floor area										
Studio	35m ²										
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2 bedroom	65m ²										
3+ bedrooms	80m ² and any dwelling over 3 bedrooms provides an additional 15m ² for every additional bedroom										
<p>PO 31.2</p> <p>The orientation and siting of buildings minimises impacts on the amenity, outlook and privacy of occupants and neighbours.</p>	<p>DTS/DPF 31.2</p> <p>None are applicable.</p>										
<p>PO 31.3</p> <p>Development maximises the number of dwellings that face public open space and public streets and limits dwellings oriented towards adjoining properties.</p>	<p>DTS/DPF 31.3</p> <p>None are applicable.</p>										
<p>PO 31.4</p> <p>Battle-axe development is appropriately sited and designed to respond to the existing neighbourhood context.</p>	<p>DTS/DPF 31.4</p> <p>Dwelling sites/allotments are not in the form of a battle-axe arrangement.</p>										
<p>Communal Open Space</p>											
<p>PO 32.1</p> <p>Private open space provision may be substituted for communal open space which is designed and sited to meet the recreation and amenity needs of residents.</p>	<p>DTS/DPF 32.1</p> <p>None are applicable.</p>										
<p>PO 32.2</p> <p>Communal open space is of sufficient size and dimensions to cater for group recreation.</p>	<p>DTS/DPF 32.2</p> <p>Communal open space incorporates a minimum dimension of 5 metres.</p>										
<p>PO 32.3</p> <p>Communal open space is designed and sited to:</p> <ul style="list-style-type: none"> (a) be conveniently accessed by the dwellings which it services 	<p>DTS/DPF 32.3</p> <p>None are applicable.</p>										

<p>(b) have regard to acoustic, safety, security and wind effects.</p>	
<p>PO 32.4 Communal open space contains landscaping and facilities that are functional, attractive and encourage recreational use.</p>	<p>DTS/DPF 32.4 None are applicable.</p>
<p>PO 32.5 Communal open space is designed and sited to:</p> <ul style="list-style-type: none"> (a) in relation to rooftop or elevated gardens, minimise overlooking into habitable room windows or onto the useable private open space of other dwellings (b) in relation to ground floor communal space, be overlooked by habitable rooms to facilitate passive surveillance. 	<p>DTS/DPF 32.5 None are applicable.</p>
<p>Car parking, access and manoeuvrability</p>	
<p>PO 33.1 Driveways and access points are designed and distributed to optimise the provision of on-street visitor parking.</p>	<p>DTS/DPF 33.1 Where on-street parking is available directly adjacent the site, on-street parking is retained adjacent the subject site in accordance with the following requirements:</p> <ul style="list-style-type: none"> (a) minimum 0.33 on-street car parks per proposed dwelling (rounded up to the nearest whole number) (b) minimum car park length of 5.4m where a vehicle can enter or exit a space directly (c) minimum carpark length of 6m for an intermediate space located between two other parking spaces or to an end obstruction where the parking is indented.
<p>PO 33.2 The number of vehicular access points onto public roads is minimised to reduce interruption of the footpath and positively contribute to public safety and walkability.</p>	<p>DTS/DPF 33.2 Access to group dwellings or dwellings within a residential flat building is provided via a single common driveway.</p>
<p>PO 33.3 Residential driveways that service more than one dwelling are designed to allow safe and convenient movement.</p>	<p>DTS/DPF 33.3 Driveways that service more than 1 dwelling or a dwelling on a battle-axe site:</p> <ul style="list-style-type: none"> (a) have a minimum width of 3m (b) for driveways servicing more than 3 dwellings: <ul style="list-style-type: none"> (i) have a width of 5.5m or more and a length of 6m or more at the kerb of the primary street (ii) where the driveway length exceeds 30m, incorporate a passing point at least every 30 metres with a minimum width of 5.5m and a minimum length of 6m.
<p>PO 33.4 Residential driveways that service more than one dwelling or a dwelling on a battle-axe site are designed to allow passenger vehicles to enter and exit and manoeuvre within the site in a safe and convenient manner.</p>	<p>DTS/DPF 33.4 Driveways providing access to more than one dwelling, or a dwelling on a battle-axe site, allow a B85 passenger vehicle to enter and exit the garages or parking spaces in no more than a three-point turn manoeuvre.</p>
<p>PO 33.5 Dwellings are adequately separated from common driveways and manoeuvring areas.</p>	<p>DTS/DPF 33.5 Dwelling walls with entry doors or ground level habitable room windows are set back at least 1.5m from any driveway or area designated for the movement and manoeuvring of vehicles.</p>
<p>Soft landscaping</p>	
<p>PO 34.1 Soft landscaping is provided between dwellings and common driveways to improve the outlook for occupants and appearance of common areas.</p>	<p>DTS/DPF 34.1 Other than where located directly in front of a garage or building entry, soft landscaping with a minimum dimension of 1m is provided between a dwelling and common driveway.</p>
<p>PO 34.2 Battle-axe or common driveways incorporate landscaping and permeability to improve appearance and assist in stormwater management.</p>	<p>DTS/DPF 34.2 Battle-axe or common driveways satisfy (a) and (b):</p> <ul style="list-style-type: none"> (a) are constructed of a minimum of 50% permeable or porous material (b) where the driveway is located directly adjacent the side or rear boundary of the site, soft landscaping with a minimum dimension of 1m is provided between the driveway and site boundary (excluding along the perimeter of a passing point).
<p>Site Facilities / Waste Storage</p>	
<p>PO 35.1 Provision is made for suitable mailbox facilities close to the major pedestrian entry to the site or conveniently located considering the nature of accommodation and mobility of occupants.</p>	<p>DTS/DPF 35.1 None are applicable.</p>
<p>PO 35.2 Provision is made for suitable external clothes drying facilities.</p>	<p>DTS/DPF 35.2 None are applicable.</p>
<p>PO 35.3</p>	<p>DTS/DPF 35.3</p>

Provision is made for suitable household waste and recyclable material storage facilities which are: (a) located away, or screened, from public view, and (b) conveniently located in proximity to dwellings and the waste collection point.	None are applicable.
PO 35.4 Waste and recyclable material storage areas are located away from dwellings.	DTS/DPF 35.4 Dedicated waste and recyclable material storage areas are located at least 3m from any habitable room window.
PO 35.5 Where waste bins cannot be conveniently collected from the street, provision is made for on-site waste collection, designed to accommodate the safe and convenient access, egress and movement of waste collection vehicles.	DTS/DPF 35.5 None are applicable.
PO 35.6 Services including gas and water meters are conveniently located and screened from public view.	DTS/DPF 35.6 None are applicable.
Water sensitive urban design	
PO 36.1 Residential development creating a common driveway / access includes stormwater management systems that minimise the discharge of sediment, suspended solids, organic matter, nutrients, bacteria, litter and other contaminants to the stormwater system, watercourses or other water bodies.	DTS/DPF 36.1 None are applicable.
PO 36.2 Residential development creating a common driveway / access includes a stormwater management system designed to mitigate peak flows and manage the rate and duration of stormwater discharges from the site to ensure that the development does not increase the peak flows in downstream systems.	DTS/DPF 36.2 None are applicable.
Supported Accommodation and retirement facilities	
Siting, Configuration and Design	
PO 37.1 Supported accommodation and housing for aged persons and people with disabilities is located where on-site movement of residents is not unduly restricted by the slope of the land.	DTS/DPF 37.1 None are applicable.
PO 37.2 Universal design features are incorporated to provide options for people living with disabilities or limited mobility and / or to facilitate ageing in place.	DTS/DPF 37.2 None are applicable.
Movement and Access	
PO 38.1 Development is designed to support safe and convenient access and movement for residents by providing: (a) ground-level access or lifted access to all units (b) level entry porches, ramps, paths, driveways, passenger loading areas and areas adjacent to footpaths that allow for the passing of wheelchairs and resting places (c) car parks with gradients no steeper than 1-in-40, and of sufficient area to provide for wheelchair manoeuvrability (d) kerb ramps at pedestrian crossing points.	
Communal Open Space	
PO 39.1 Development is designed to provide attractive, convenient and comfortable indoor and outdoor communal areas to be used by residents and visitors.	DTS/DPF 39.1 None are applicable.
PO 39.2 Private open space provision may be substituted for communal open space which is designed and sited to meet the recreation and amenity needs of residents.	DTS/DPF 39.2 None are applicable.
PO 39.3 Communal open space is of sufficient size and dimensions to cater for group recreation.	DTS/DPF 39.3 Communal open space incorporates a minimum dimension of 5 metres.
PO 39.4 Communal open space is designed and sited to: (a) be conveniently accessed by the dwellings which it services (b) have regard to acoustic, safety, security and wind effects.	DTS/DPF 39.4 None are applicable.
PO 39.5	DTS/DPF 39.5

Communal open space contains landscaping and facilities that are functional, attractive and encourage recreational use.	None are applicable.
PO 39.6 Communal open space is designed and sited to: (a) in relation to rooftop or elevated gardens, minimise overlooking into habitable room windows or onto the useable private open space of other dwellings (b) in relation to ground floor communal space, be overlooked by habitable rooms to facilitate passive surveillance.	DTS/DPF 39.6 None are applicable.
Site Facilities / Waste Storage	
PO 40.1 Development is designed to provide storage areas for personal items and specialised equipment such as small electric powered vehicles, including facilities for the recharging of small electric-powered vehicles.	DTS/DPF 40.1 None are applicable.
PO 40.2 Provision is made for suitable mailbox facilities close to the major pedestrian entry to the site or conveniently located considering the nature of accommodation and mobility of occupants.	DTS/DPF 40.2 None are applicable.
PO 40.3 Provision is made for suitable external clothes drying facilities.	DTS/DPF 40.3 None are applicable.
PO 40.4 Provision is made for suitable household waste and recyclable material storage facilities conveniently located away, or screened, from view.	DTS/DPF 40.4 None are applicable.
PO 40.5 Waste and recyclable material storage areas are located away from dwellings.	DTS/DPF 40.5 Dedicated waste and recyclable material storage areas are located at least 3m from any habitable room window.
PO 40.6 Provision is made for on-site waste collection where 10 or more bins are to be collected at any one time.	DTS/DPF 40.6 None are applicable.
PO 40.7 Services, including gas and water meters, are conveniently located and screened from public view.	DTS/DPF 40.7 None are applicable.
Student Accommodation	
PO 41.1 Student accommodation is designed to provide safe, secure, attractive, convenient and comfortable living conditions for residents, including an internal layout and facilities that are designed to provide sufficient space and amenity for the requirements of student life and promote social interaction.	DTS/DPF 41.1 Student accommodation provides: (a) a range of living options to meet a variety of accommodation needs, such as one-bedroom, two-bedroom and disability access units (b) common or shared facilities to enable a more efficient use of space, including: (i) shared cooking, laundry and external drying facilities (ii) internal and external communal and private open space provided in accordance with Design in Urban Areas Table 1 - Private Open Space (iii) common storage facilities at the rate of 8m ³ for every 2 dwellings or students (iv) common on-site parking in accordance with Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas (v) bicycle parking at the rate of one space for every 2 students.
PO 41.2 Student accommodation is designed to provide easy adaptation of the building to accommodate an alternative use of the building in the event it is no longer required for student housing.	DTS/DPF 41.2 None are applicable.
All non-residential development	
Water Sensitive Design	
PO 42.1 Development likely to result in risk of export of sediment, suspended solids, organic matter, nutrients, oil and grease include stormwater management systems designed to minimise pollutants entering stormwater.	DTS/DPF 42.1 None are applicable.
PO 42.2	DTS/DPF 42.2

Water discharged from a development site is of a physical, chemical and biological condition equivalent to or better than its pre-developed state.	None are applicable.
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PO 42.3 Development includes stormwater management systems to mitigate peak flows and manage the rate and duration of stormwater discharges from the site to ensure that development does not increase peak flows in downstream systems.	DTS/DPF 42.3 None are applicable.
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Wash-down and Waste Loading and Unloading

PO 43.1 Areas for activities including loading and unloading, storage of waste refuse bins in commercial and industrial development or wash-down areas used for the cleaning of vehicles, plant or equipment are: (a) designed to contain all wastewater likely to pollute stormwater within a bunded and roofed area to exclude the entry of external surface stormwater run-off (b) paved with an impervious material to facilitate wastewater collection (c) of sufficient size to prevent 'splash-out' or 'over-spray' of wastewater from the wash-down area (d) are designed to drain wastewater to either: (i) a treatment device such as a sediment trap and coalescing plate oil separator with subsequent disposal to a sewer, private or Community Wastewater Management Scheme or (ii) a holding tank and its subsequent removal off-site on a regular basis.	DTS/DPF 43.1 None are applicable.
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Laneway Development

Infrastructure and Access

PO 44.1 Development with a primary street comprising a laneway, alley, lane, right of way or similar minor thoroughfare only occurs where: (a) existing utility infrastructure and services are capable of accommodating the development (b) the primary street can support access by emergency and regular service vehicles (such as waste collection) (c) it does not require the provision or upgrading of infrastructure on public land (such as footpaths and stormwater management systems) (d) safety of pedestrians or vehicle movement is maintained (e) any necessary grade transition is accommodated within the site of the development to support an appropriate development intensity and orderly development of land fronting minor thoroughfares.	DTS/DPF 44.1 Development with a primary street frontage that is not an alley, lane, right of way or similar public thoroughfare.
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Decks

Design and Siting

PO 45.1 Decks are designed and sited to: (a) complement the associated building form (b) minimise impacts on the streetscape through siting behind the building line of the principal building (unless on a significant allotment or open space) (c) minimise cut and fill and overall massing when viewed from adjacent land.	DTS/DPF 45.1 Decks: (a) where ancillary to a dwelling: (i) are not constructed, added to or altered so that any part is situated: A. in front of any part of the building line of the dwelling to which it is ancillary or B. within 900mm of a boundary of the allotment with a secondary street (if the land has boundaries on two or more roads) (ii) are set back at least 900mm from side or rear allotment boundaries (iii) when attached to the dwelling, has a finished floor level consistent with the finished ground floor level of the dwelling (iv) where associated with a residential use, retains a total area of soft landscaping for the entire development site, including any common property, with a minimum dimension of 700mm in accordance with (A) or (B), whichever is less: A. a total area is determined by the following table: <table border="1"> <thead> <tr> <th>Site area (or in the case of residential flat building or group dwelling(s), average site area) (m²)</th> <th>Minimum percentage of site</th> </tr> </thead> <tbody> <tr> <td><150</td> <td>10%</td> </tr> <tr> <td>150-200</td> <td>15%</td> </tr> <tr> <td>>200-450</td> <td>20%</td> </tr> <tr> <td>>450</td> <td>25%</td> </tr> </tbody> </table>	Site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site	<150	10%	150-200	15%	>200-450	20%	>450	25%
Site area (or in the case of residential flat building or group dwelling(s), average site area) (m ²)	Minimum percentage of site										
<150	10%										
150-200	15%										
>200-450	20%										
>450	25%										

	<p>B. the amount of existing soft landscaping prior to the development occurring.</p> <p>(b) where in association with a non-residential use:</p> <ul style="list-style-type: none"> (i) are set back at least 2 metres from the boundary of an allotment used for residential purposes. (ii) are set back at least 2 metres from a public road. (iii) have a floor area not exceeding 25m² <p>(c) in all cases, has a finished floor level not exceeding 1 metre above natural ground level at any point.</p>
<p>PO 45.2</p> <p>Decks are designed and sited to minimise direct overlooking of habitable rooms and private open spaces of adjoining residential uses in neighbourhood-type zones through suitable floor levels, screening and siting taking into account the slope of the subject land, existing vegetation on the subject land, and fencing.</p>	<p>DTS/DPF 45.2</p> <p>Decks with a finished floor level/s 500mm or more above natural ground level facing side or rear boundaries shared with a residential use in a neighbourhood-type zone incorporate screening with a maximum of 25% transparency/openings, permanently fixed to the outer edge of the deck not less than 1.5 m above the finished floor level/s.</p>
<p>PO 45.3</p> <p>Decks used for outdoor dining, entertainment or other commercial uses provide carparking in accordance with the primary use of the deck.</p>	<p>DTS/DPF 45.3</p> <p>Decks used for commercial purposes do not result in less on-site car parking for the primary use of the subject land than specified in Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements or Table 2 - Off-Street Car Parking Requirements in Designated Areas.</p>

Table 1 - Private Open Space

Dwelling Type	Dwelling / Site Configuration	Minimum Rate
Dwelling (at ground level, other than a residential flat building that includes above ground dwellings)		Total private open space area: (a) Site area <301m ² : 24m ² located behind the building line. (b) Site area ≥ 301m ² : 60m ² located behind the building line. Minimum directly accessible from a living room: 16m ² / with a minimum dimension 3m.
Cabin or caravan (permanently fixed to the ground) in a residential park or caravan and tourist park		Total area: 16m ² , which may be uses as second car parking space, provided on each site intended for residential occupation.
Dwelling in a residential flat building or mixed use building which incorporate above ground level dwellings	Dwellings at ground level:	15m ² / minimum dimension 3m
	Dwellings above ground level:	
	Studio (no separate bedroom)	4m ² / minimum dimension 1.8m
	One bedroom dwelling	8m ² / minimum dimension 2.1m
	Two bedroom dwelling	11m ² / minimum dimension 2.4m
Three + bedroom dwelling	15 m ² / minimum dimension 2.6m	

Forestry

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Commercial forestry is designed and sited to maximise economic benefits whilst managing potential negative impacts on the environment, transport networks, surrounding land uses and landscapes.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature												
Siting													
PO 1.1 Commercial forestry plantations are established where there is no detrimental effect on the physical environment or scenic quality of the rural landscape.	DTS/DPF 1.1 None are applicable.												
PO 1.2 Commercial forestry plantations are established on slopes that are stable to minimise the risk of soil erosion.	DTS/DPF 1.2 Commercial forestry plantations are not located on land with a slope exceeding 20% (1-in-5).												
PO 1.3 Commercial forestry plantations and operations associated with their establishment, management and harvesting are appropriately set back from any sensitive receiver to minimise fire risk and noise disturbance.	DTS/DPF 1.3 Commercial forestry plantations and operations associated with their establishment, management and harvesting are set back 50m or more from any sensitive receiver.												
Water Protection													
PO 2.1 Commercial forestry plantations incorporate artificial drainage lines (i.e. culverts, runoffs and constructed drains) integrated with natural drainage lines to minimise concentrated water flows onto or from plantation areas.	DTS/DPF 2.1 None are applicable.												
PO 2.2 Appropriate siting, layout and design measures are adopted to minimise the impact of commercial forestry plantations on surface water resources.	DTS/DPF 2.2 Commercial forestry plantations: <ul style="list-style-type: none"> (a) do not involve cultivation (excluding spot cultivation) in drainage lines (b) are set back 20m or more from the banks of any major watercourse (a third order or higher watercourse), lake, reservoir, wetland or sinkhole (with direct connection to an aquifer) (c) are set back 10m or more from the banks of any first or second order watercourse or sinkhole (with no direct connection to an aquifer). 												
Fire Management													
PO 3.1 Commercial forestry plantations incorporate appropriate firebreaks and fire management design elements.	DTS/DPF 3.1 Commercial forestry plantations provide: <ul style="list-style-type: none"> (a) 7m or more wide external boundary firebreaks for plantations of 40ha or less (b) 10m or more wide external boundary firebreaks for plantations of between 40ha and 100ha (c) 20m or more wide external boundary firebreaks, or 10m with an additional 10m or more of fuel-reduced plantation, for plantations of 100ha or greater. Note: Firebreaks prescribed above (as well as access tracks) may be included within the setback buffer distances prescribed by other policies of the Code.												
PO 3.2 Commercial forestry plantations incorporate appropriate fire management access tracks.	DTS/DPF 3.2 Commercial forestry plantation fire management access tracks: <ul style="list-style-type: none"> (a) are incorporated within all firebreaks (b) are 7m or more wide with a vertical clearance of 4m or more (c) are aligned to provide straight through access at junctions, or if they are a no through access track are appropriately signposted and provide suitable turnaround areas for fire-fighting vehicles (d) partition the plantation into units of 40ha or less in area. 												
Power-line Clearances													
PO 4.1 Commercial forestry plantations achieve and maintain appropriate clearances from aboveground powerlines.	DTS/DPF 4.1 Commercial forestry plantations incorporating trees with an expected mature height of greater than 6m meet the clearance requirements listed in the following table: <table border="1" style="width: 100%; margin-top: 10px;"> <thead> <tr> <th>Voltage of transmission line</th> <th>Tower or Pole</th> <th>Minimum horizontal clearance distance between plantings and transmission lines</th> </tr> </thead> <tbody> <tr> <td>500 kV</td> <td>Tower</td> <td>38m</td> </tr> <tr> <td>275 kV</td> <td>Tower</td> <td>25m</td> </tr> <tr> <td>132 kV</td> <td>Tower</td> <td>30m</td> </tr> </tbody> </table>	Voltage of transmission line	Tower or Pole	Minimum horizontal clearance distance between plantings and transmission lines	500 kV	Tower	38m	275 kV	Tower	25m	132 kV	Tower	30m
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500 kV	Tower	38m											
275 kV	Tower	25m											
132 kV	Tower	30m											

	132 kV	Pole	20m
	66 kV	Pole	20m
	Less than 66 kV	Pole	20m

Housing Renewal

Assessment Provisions (AP)

The Housing Renewal General Development Policies are only applicable to dwellings or residential flat building undertaken by:

- (a) the South Australian Housing Trust either individually or jointly with other persons or bodies
or
- (b) a provider registered under the Community Housing National Law participating in a program relating to the renewal of housing endorsed by the South Australian Housing Trust.

Desired Outcome (DO)

Desired Outcome	
DO 1	Renewed residential environments replace older social housing and provide new social housing infrastructure and other housing options and tenures to enhance the residential amenity of the local area.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Land Use and Intensity	
PO 1.1 Residential development provides a range of housing choices.	DTS/DPF 1.1 Development comprises one or more of the following: (a) detached dwellings (b) semi-detached dwellings (c) row dwellings (d) group dwellings (e) residential flat buildings.
PO 1.2 Medium-density housing options or higher are located in close proximity to public transit, open space and/or activity centres.	DTS/DPF 1.2 None are applicable.
Building Height	
PO 2.1 Buildings generally do not exceed 3 building levels unless in locations close to public transport, centres and/or open space.	DTS/DPF 2.1 Building height (excluding garages, carports and outbuildings) does not exceed 3 building levels and 12m and wall height does not exceed 9m (not including a gable end).
PO 2.2 Medium or high rise residential flat buildings located within or at the interface with zones which restrict heights to a maximum of 2 building levels transition down in scale and height towards the boundary of that zone, other than where it is a street boundary.	DTS/DPF 2.2 None are applicable.
Primary Street Setback	
PO 3.1 Buildings are set back from the primary street boundary to contribute to an attractive streetscape character.	DTS/DPF 3.1 Buildings are no closer to the primary street (excluding any balcony, verandah, porch, awning or similar structure) than 3m.
Secondary Street Setback	
PO 4.1 Buildings are set back from secondary street boundaries to maintain separation between building walls and public streets and contribute to a suburban streetscape character.	DTS/DPF 4.1 Buildings are set back at least 900mm from the boundary of the allotment with a secondary street frontage.
Boundary Walls	

<p>PO 5.1</p> <p>Boundary walls are limited in height and length to manage visual impacts and access to natural light and ventilation.</p>	<p>DTS/DPF 5.1</p> <p>Except where the dwelling is located on a central site within a row dwelling or terrace arrangement, dwellings with side boundary walls are sited on only one side boundary and satisfy (a) or (b):</p> <ul style="list-style-type: none"> (a) adjoin or abut a boundary wall of a building on adjoining land for the same length and height (b) do not: <ul style="list-style-type: none"> (i) exceed 3.2m in height from the lower of the natural or finished ground level (ii) exceed 11.5m in length (iii) when combined with other walls on the boundary of the subject development site, a maximum 45% of the length of the boundary (iv) encroach within 3 metres of any other existing or proposed boundary walls on the subject land.
<p>PO 5.2</p> <p>Dwellings in a semi-detached, row or terrace arrangement maintain space between buildings consistent with a suburban streetscape character.</p>	<p>DTS/DPF 5.2</p> <p>Dwellings in a semi-detached or row arrangement are set back 900mm or more from side boundaries shared with allotments outside the development site, except for a carport or garage.</p>
<p>Side Boundary Setback</p>	
<p>PO 6.1</p> <p>Buildings are set back from side boundaries to provide:</p> <ul style="list-style-type: none"> (a) separation between dwellings in a way that contributes to a suburban character (b) access to natural light and ventilation for neighbours. 	<p>DTS/DPF 6.1</p> <p>Other than walls located on a side boundary, buildings are set back from side boundaries in accordance with the following:</p> <ul style="list-style-type: none"> (a) where the wall height does not exceed 3m - at least 900mm (b) for a wall that is not south facing and the wall height exceeds 3m - at least 900mm from the boundary of the site plus a distance of 1/3 of the extent to which the height of the wall exceeds 3m from the top of the footings (c) for a wall that is south facing and the wall height exceeds 3m - at least 1.9m from the boundary of the site plus a distance of 1/3 of the extent to which the height of the wall exceeds 3m from the top of the footings.
<p>Rear Boundary Setback</p>	
<p>PO 7.1</p> <p>Buildings are set back from rear boundaries to provide:</p> <ul style="list-style-type: none"> (a) separation between dwellings in a way that contributes to a suburban character (b) access to natural light and ventilation for neighbours (c) private open space (d) space for landscaping and vegetation. 	<p>DTS/DPF 7.1</p> <p>Dwellings are set back from the rear boundary:</p> <ul style="list-style-type: none"> (a) 3m or more for the first building level (b) 5m or more for any subsequent building level.
<p>Buildings elevation design</p>	
<p>PO 8.1</p> <p>Dwelling elevations facing public streets and common driveways make a positive contribution to the streetscape and common driveway areas.</p>	<p>DTS/DPF 8.1</p> <p>Each dwelling includes at least 3 of the following design features within the building elevation facing a primary street, and at least 2 of the following design features within the building elevation facing any other public road (other than a laneway) or a common driveway:</p> <ul style="list-style-type: none"> (a) a minimum of 30% of the building elevation is set back an additional 300mm from the building line (b) a porch or portico projects at least 1m from the building elevation (c) a balcony projects from the building elevation (d) a verandah projects at least 1m from the building elevation (e) eaves of a minimum 400mm width extend along the width of the front elevation (f) a minimum 30% of the width of the upper level projects forward from the lower level primary building line by at least 300mm. (g) a minimum of two different materials or finishes are incorporated on the walls of the building elevation, with a maximum of 80% of the building elevation in a single material or finish.
<p>PO 8.2</p> <p>Dwellings incorporate windows along primary street frontages to encourage passive surveillance and make a positive contribution to the streetscape.</p>	<p>DTS/DPF 8.2</p> <p>Each dwelling with a frontage to a public street:</p> <ul style="list-style-type: none"> (a) includes at least one window facing the primary street from a habitable room that has a minimum internal room dimension of 2.4m (b) has an aggregate window area of at least 2m² facing the primary street
<p>PO 8.3</p> <p>The visual mass of larger buildings is reduced when viewed from adjoining allotments or public streets.</p>	<p>DTS/DPF 8.3</p> <p>None are applicable.</p>
<p>PO 8.4</p> <p>Built form considers local context and provides a quality design response through scale,</p>	<p>DTS/DPF 8.4</p> <p>None are applicable.</p>

massing, materials, colours and architectural expression.																
PO 8.5 Entrances to multi-storey buildings are: (a) oriented towards the street (b) visible and easily identifiable from the street (c) designed to include a common mail box structure.	DTS/DPF 8.5 None are applicable.															
Outlook and amenity																
PO 9.1 Living rooms have an external outlook to provide a high standard of amenity for occupants.	DTS/DPF 9.1 A living room of a dwelling incorporates a window with an external outlook towards the street frontage or private open space.															
PO 9.2 Bedrooms are separated or shielded from active communal recreation areas, common access areas and vehicle parking areas and access ways to mitigate noise and artificial light intrusion.	DTS/DPF 9.2 None are applicable.															
Private Open Space																
PO 10.1 Dwellings are provided with suitable sized areas of usable private open space to meet the needs of occupants.	DTS/DPF 10.1 Private open space is provided in accordance with the following table: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 30%;">Dwelling Type</th> <th style="width: 30%;">Dwelling / Site Configuration</th> <th style="width: 40%;">Minimum Rate</th> </tr> </thead> <tbody> <tr> <td>Dwelling (at ground level)</td> <td></td> <td>Total area: 24m² located behind the building line Minimum adjacent to a living room: 16m² with a minimum dimension 3m</td> </tr> <tr> <td rowspan="4">Dwelling (above ground level)</td> <td>Studio</td> <td>4m² / minimum dimension 1.8m</td> </tr> <tr> <td>One bedroom dwelling</td> <td>8m² / minimum dimension 2.1m</td> </tr> <tr> <td>Two bedroom dwelling</td> <td>11m² / minimum dimension 2.4m</td> </tr> <tr> <td>Three + bedroom dwelling</td> <td>15 m² / minimum dimension 2.6m</td> </tr> </tbody> </table>	Dwelling Type	Dwelling / Site Configuration	Minimum Rate	Dwelling (at ground level)		Total area: 24m ² located behind the building line Minimum adjacent to a living room: 16m ² with a minimum dimension 3m	Dwelling (above ground level)	Studio	4m ² / minimum dimension 1.8m	One bedroom dwelling	8m ² / minimum dimension 2.1m	Two bedroom dwelling	11m ² / minimum dimension 2.4m	Three + bedroom dwelling	15 m ² / minimum dimension 2.6m
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PO 10.2 Private open space positioned to provide convenient access from internal living areas.	DTS/DPF 10.2 At least 50% of the required area of private open space is accessible from a habitable room.															
PO 10.3 Private open space is positioned and designed to: (a) provide useable outdoor space that suits the needs of occupants; (b) take advantage of desirable orientation and vistas; and (c) adequately define public and private space.	DTS/DPF 10.3 None are applicable.															
Visual privacy																
PO 11.1 Development mitigates direct overlooking from upper level windows to habitable rooms and private open spaces of adjoining residential uses.	DTS/DPF 11.1 Upper level windows facing side or rear boundaries shared with another residential allotment/site satisfy one of the following: (a) are permanently obscured to a height of 1.5m above finished floor level and are fixed or not capable of being opened more than 200mm (b) have sill heights greater than or equal to 1.5m above finished floor level (c) incorporate screening with a maximum of 25% openings, permanently fixed no more than 500mm from the window surface and sited adjacent to any part of the window less than 1.5m above the finished floor.															
PO 11.2 Development mitigates direct overlooking from upper level balconies and terraces to	DTS/DPF 11.2 One of the following is satisfied:															

<p>habitable rooms and private open space of adjoining residential uses.</p>	<ul style="list-style-type: none"> (a) the longest side of the balcony or terrace will face a public road, public road reserve or public reserve that is at least 15m wide in all places faced by the balcony or terrace or (b) all sides of balconies or terraces on upper building levels are permanently obscured by screening with a maximum 25% transparency/openings fixed to a minimum height of: <ul style="list-style-type: none"> (i) 1.5m above finished floor level where the balcony is located at least 15 metres from the nearest habitable window of a dwelling on adjacent land or (ii) 1.7m above finished floor level in all other cases
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Landscaping

<p>PO 12.1</p> <p>Soft landscaping is incorporated into development to:</p> <ul style="list-style-type: none"> (a) minimise heat absorption and reflection (b) maximise shade and shelter (c) maximise stormwater infiltration and biodiversity (d) enhance the appearance of land and streetscapes. 	<p>DTS/DPF 12.1</p> <p>Residential development incorporates pervious areas for soft landscaping with a minimum dimension of 700mm provided in accordance with (a) and (b):</p> <ul style="list-style-type: none"> (a) a total area as determined by the following table: <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m2)</th> <th style="text-align: left;">Minimum percentage of site</th> </tr> </thead> <tbody> <tr> <td><150</td> <td>10%</td> </tr> <tr> <td><200</td> <td>15%</td> </tr> <tr> <td>200-450</td> <td>20%</td> </tr> <tr> <td>>450</td> <td>25%</td> </tr> </tbody> </table> <ul style="list-style-type: none"> (b) at least 30% of land between the road boundary and the building line. 	Dwelling site area (or in the case of residential flat building or group dwelling(s), average site area) (m2)	Minimum percentage of site	<150	10%	<200	15%	200-450	20%	>450	25%
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<200	15%										
200-450	20%										
>450	25%										

Water Sensitive Design

<p>PO 13.1</p> <p>Residential development is designed to capture and use stormwater to:</p> <ul style="list-style-type: none"> (a) maximise efficient use of water resources (b) manage peak stormwater runoff flows and volume to ensure the carrying capacities of downstream systems are not overloaded (c) manage runoff quality to maintain, as close as practical, pre-development conditions. 	<p>DTS/DPF 13.1</p> <p>None are applicable.</p>
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Car Parking

<p>PO 14.1</p> <p>On-site car parking is provided to meet the anticipated demand of residents, with less on-site parking in areas in close proximity to public transport.</p>	<p>DTS/DPF 14.1</p> <p>On-site car parking is provided at the following rates per dwelling:</p> <ul style="list-style-type: none"> (a) 2 or fewer bedrooms - 1 car parking space (b) 3 or more bedrooms - 2 car parking spaces.
<p>PO 14.2</p> <p>Enclosed car parking spaces are of dimensions to be functional, accessible and convenient.</p>	<p>DTS/DPF 14.2</p> <p>Residential parking spaces enclosed by fencing, walls or other obstructions with the following internal dimensions (separate from any waste storage area):</p> <ul style="list-style-type: none"> (a) single parking spaces: <ul style="list-style-type: none"> (i) a minimum length of 5.4m (ii) a minimum width of 3.0m (iii) a minimum garage door width of 2.4m (b) double parking spaces (side by side): <ul style="list-style-type: none"> (i) a minimum length of 5.4m (ii) a minimum width of 5.5m (iii) minimum garage door width of 2.4m per space.
<p>PO 14.3</p> <p>Uncovered car parking spaces are of dimensions to be functional, accessible and convenient.</p>	<p>DTS/DPF 14.3</p> <p>Uncovered car parking spaces have:</p> <ul style="list-style-type: none"> (a) a minimum length of 5.4m (b) a minimum width of 2.4m (c) a minimum width between the centre line of the space and any fence, wall or other obstruction of 1.5m.
<p>PO 14.4</p> <p>Residential flat buildings and group dwelling developments provide sufficient on-site visitor car parking to cater for anticipated demand.</p>	<p>DTS/DPF 14.4</p> <p>Visitor car parking for group and residential flat buildings incorporating 4 or more dwellings is provided on-site at a minimum ratio of 0.25 car parking spaces per dwelling.</p>
<p>PO 14.5</p> <p>Residential flat buildings provide dedicated areas for bicycle parking.</p>	<p>DTS/DPF 14.5</p> <p>Residential flat buildings provide one bicycle parking space per dwelling.</p>

Overshadowing	
<p>PO 15.1</p> <p>Development minimises overshadowing of the private open spaces of adjoining land by ensuring that ground level open space associated with residential buildings receive direct sunlight for a minimum of 2 hours between 9am and 3pm on 21 June.</p>	<p>DTS/DPF 15.1</p> <p>None are applicable.</p>
Waste	
<p>PO 16.1</p> <p>Provision is made for the convenient storage of waste bins in a location screened from public view.</p>	<p>DTS/DPF 16.1</p> <p>A waste bin storage area is provided behind the primary building line that:</p> <ul style="list-style-type: none"> (a) has a minimum area of 2m² with a minimum dimension of 900mm (separate from any designated car parking spaces or private open space); and (b) has a continuous unobstructed path of travel (excluding moveable objects like gates, vehicles and roller doors) with a minimum width of 800mm between the waste bin storage area and the street.
<p>PO 16.2</p> <p>Residential flat buildings provide a dedicated area for the on-site storage of waste which is:</p> <ul style="list-style-type: none"> (a) easily and safely accessible for residents and for collection vehicles (b) screened from adjoining land and public roads (c) of sufficient dimensions to be able to accommodate the waste storage needs of the development considering the intensity and nature of the development and the frequency of collection. 	<p>DTS/DPF 16.2</p> <p>None are applicable.</p>
Vehicle Access	
<p>PO 17.1</p> <p>Driveways are located and designed to facilitate safe access and egress while maximising land available for street tree planting, landscaped street frontages and on-street parking.</p>	<p>DTS/DPF 17.1</p> <p>None are applicable.</p>
<p>PO 17.2</p> <p>Vehicle access is safe, convenient, minimises interruption to the operation of public roads and does not interfere with street infrastructure or street trees.</p>	<p>DTS/DPF 17.2</p> <p>Vehicle access to designated car parking spaces satisfy (a) or (b):</p> <ul style="list-style-type: none"> (a) is provided via a lawfully existing or authorised access point or an access point for which consent has been granted as part of an application for the division of land (b) where newly proposed, is set back: <ul style="list-style-type: none"> (i) 0.5m or more from any street furniture, street pole, infrastructure services pit, or other stormwater or utility infrastructure unless consent is provided from the asset owner (ii) 2m or more from the base of the trunk of a street tree unless consent is provided from the tree owner for a lesser distance (iii) 6m or more from the tangent point of an intersection of 2 or more roads (iv) outside of the marked lines or infrastructure dedicating a pedestrian crossing.
<p>PO 17.3</p> <p>Driveways are designed to enable safe and convenient vehicle movements from the public road to on-site parking spaces.</p>	<p>DTS/DPF 17.3</p> <p>Driveways are designed and sited so that:</p> <ul style="list-style-type: none"> (a) the gradient of the driveway does not exceed a grade of 1 in 4 and includes transitions to ensure a maximum grade change of 12.5% (1 in 8) for summit changes, and 15% (1 in 6.7) for sag changes, in accordance with AS 2890.1:2004 to prevent vehicles bottoming or scraping

	(d) 3+ bedroom dwelling / apartment: not less than 12m ³ .
Earthworks	
PO 19.1 Development, including any associated driveways and access tracks, minimises the need for earthworks to limit disturbance to natural topography.	DTS/DPF 19.1 The development does not involve: (a) excavation exceeding a vertical height of 1m or (b) filling exceeding a vertical height of 1m or (c) a total combined excavation and filling vertical height exceeding 2m.
Service connections and infrastructure	
PO 20.1 Dwellings are provided with appropriate service connections and infrastructure.	DTS/DPF 20.1 The site and building: (a) have the ability to be connected to a permanent potable water supply (b) have the ability to be connected to a sewerage system, or a wastewater system approved under the <i>South Australian Public Health Act 2011</i> (c) have the ability to be connected to electricity supply (d) have the ability to be connected to an adequate water supply (and pressure) for fire-fighting purposes (e) would not be contrary to the Regulations prescribed for the purposes of Section 86 of the <i>Electricity Act 1996</i> .
Site contamination	
PO 21.1 Land that is suitable for sensitive land uses to provide a safe environment.	DTS/DPF 21.1 Development satisfies (a), (b), (c) or (d): (a) does not involve a change in the use of land (b) involves a change in the use of land that does not constitute a change to a <u>more sensitive use</u> (c) involves a change in the use of land to a <u>more sensitive use</u> on land at which <u>site contamination</u> does not exist (as demonstrated in a <u>site contamination declaration form</u>) (d) involves a change in the use of land to a <u>more sensitive use</u> on land at which <u>site contamination</u> exists, or may exist (as demonstrated in a site contamination declaration form), and satisfies both of the following: (i) a <u>site contamination audit report</u> has been prepared under Part 10A of the <i>Environment Protection Act 1993</i> in relation to the land within the previous 5 years which states that A. <u>site contamination</u> does not exist (or no longer exists) at the land or B. the land is suitable for the proposed use or range of uses (without the need for any further <u>remediation</u>) or C. where <u>remediation</u> is, or remains, necessary for the proposed use (or range of uses), <u>remediation work</u> has been carried out or will be carried out (and the applicant has provided a written undertaking that the remediation works will be implemented in association with the development) and (ii) no other <u>class 1 activity</u> or <u>class 2 activity</u> has taken place at the land since the preparation of the site contamination audit report (as demonstrated in a <u>site contamination declaration form</u>).

Infrastructure and Renewable Energy Facilities

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Efficient provision of infrastructure networks and services, renewable energy facilities and ancillary development in a manner that minimises hazard, is environmentally and culturally sensitive and manages adverse visual impacts on natural and rural landscapes and residential amenity.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
General	
<p>PO 1.1</p> <p>Development is located and designed to minimise hazard or nuisance to adjacent development and land uses.</p>	<p>DTS/DPF 1.1</p> <p>None are applicable.</p>
Visual Amenity	
<p>PO 2.1</p> <p>The visual impact of above-ground infrastructure networks and services (excluding high voltage transmission lines), renewable energy facilities (excluding wind farms), energy storage facilities and ancillary development is minimised from townships, scenic routes and public roads by:</p> <ul style="list-style-type: none"> (a) utilising features of the natural landscape to obscure views where practicable (b) siting development below ridgelines where practicable (c) avoiding visually sensitive and significant landscapes (d) using materials and finishes with low-reflectivity and colours that complement the surroundings (e) using existing vegetation to screen buildings (f) incorporating landscaping or landscaped mounding around the perimeter of a site and between adjacent allotments accommodating or zoned to primarily accommodate sensitive receivers. 	<p>DTS/DPF 2.1</p> <p>None are applicable.</p>
<p>PO 2.2</p> <p>Pumping stations, battery storage facilities, maintenance sheds and other ancillary structures incorporate vegetation buffers to reduce adverse visual impacts on adjacent land.</p>	<p>DTS/DPF 2.2</p> <p>None are applicable.</p>
<p>PO 2.3</p> <p>Surfaces exposed by earthworks associated with the installation of storage facilities, pipework, penstock, substations and other ancillary plant are reinstated and revegetated to reduce adverse visual impacts on adjacent land.</p>	<p>DTS/DPF 2.3</p> <p>None are applicable.</p>
Rehabilitation	
<p>PO 3.1</p> <p>Progressive rehabilitation (incorporating revegetation) of disturbed areas, ahead of or upon decommissioning of areas used for renewable energy facilities and transmission corridors.</p>	<p>DTS/DPF 3.1</p> <p>None are applicable.</p>
Hazard Management	
<p>PO 4.1</p> <p>Infrastructure and renewable energy facilities and ancillary development located and operated to not adversely impact maritime or air transport safety, including the operation of ports, airfields and landing strips.</p>	<p>DTS/DPF 4.1</p> <p>None are applicable.</p>
<p>PO 4.2</p> <p>Facilities for energy generation, power storage and transmission are separated as far as practicable from dwellings, tourist accommodation and frequently visited public places (such as viewing platforms / lookouts) to reduce risks to public safety from fire or equipment malfunction.</p>	<p>DTS/DPF 4.2</p> <p>None are applicable.</p>
<p>PO 4.3</p> <p>Bushfire hazard risk is minimised for renewable energy facilities by providing appropriate access tracks, safety equipment and water tanks and establishing cleared areas around substations, battery storage and operations compounds.</p>	<p>DTS/DPF 4.3</p> <p>None are applicable.</p>
Electricity Infrastructure and Battery Storage Facilities	
<p>PO 5.1</p> <p>Electricity infrastructure is located to minimise visual impacts through techniques including:</p> <ul style="list-style-type: none"> (a) siting utilities and services: <ul style="list-style-type: none"> (i) on areas already cleared of native vegetation (ii) where there is minimal interference or disturbance to existing native vegetation or biodiversity (b) grouping utility buildings and structures with non-residential development, where practicable. 	<p>DTS/DPF 5.1</p> <p>None are applicable.</p>
<p>PO 5.2</p> <p>Electricity supply (excluding transmission lines) serving new development in urban areas and townships installed underground, excluding lines having a capacity exceeding or</p>	<p>DTS/DPF 5.2</p> <p>None are applicable.</p>

equal to 33kV.	
PO 5.3 Battery storage facilities are co-located with substation infrastructure where practicable to minimise the development footprint and reduce environmental impacts.	DTS/DPF 5.3 None are applicable.
Telecommunication Facilities	
PO 6.1 The proliferation of telecommunications facilities in the form of towers/monopoles in any one locality is managed, where technically feasible, by co-locating a facility with other communications facilities to mitigate impacts from clutter on visual amenity.	DTS/DPF 6.1 None are applicable.
PO 6.2 Telecommunications antennae are located as close as practicable to support structures to manage overall bulk and mitigate impacts on visual amenity.	DTS/DPF 6.2 None are applicable.
PO 6.3 Telecommunications facilities, particularly towers/monopoles, are located and sized to mitigate visual impacts by the following methods: (a) where technically feasible, incorporating the facility within an existing structure that may serve another purpose or all of the following: (b) using existing buildings and landscape features to obscure or interrupt views of a facility from nearby public roads, residential areas and places of high public amenity to the extent practical without unduly hindering the effective provision of telecommunications services (c) using materials and finishes that complement the environment (d) screening using landscaping and vegetation, particularly for equipment shelters and huts.	DTS/DPF 6.3 None are applicable.
Renewable Energy Facilities	
PO 7.1 Renewable energy facilities are located as close as practicable to existing transmission infrastructure to facilitate connections and minimise environmental impacts as a result of extending transmission infrastructure.	DTS/DPF 7.1 None are applicable.
Renewable Energy Facilities (Wind Farm)	
PO 8.1 Visual impact of wind turbine generators on the amenity of residential and tourist development is reduced through appropriate separation.	DTS/DPF 8.1 Wind turbine generators are: (a) set back at least 2000m from the base of a turbine to any of the following zones: (i) Rural Settlement Zone (ii) Township Zone (iii) Rural Living Zone (iv) Rural Neighbourhood Zone with an additional 10m setback per additional metre over 150m overall turbine height (measured from the base of the turbine). (b) set back at least 1500m from the base of the turbine to non-associated (non-stakeholder) dwellings and tourist accommodation
PO 8.2 The visual impact of wind turbine generators on natural landscapes is managed by: (a) designing wind turbine generators to be uniform in colour, size and shape (b) coordinating blade rotation and direction (c) mounting wind turbine generators on tubular towers as opposed to lattice towers.	DTS/DPF 8.2 None are applicable.
PO 8.3 Wind turbine generators and ancillary development minimise potential for bird and bat strike.	DTS/DPF 8.3 None are applicable.
PO 8.4 Wind turbine generators incorporate recognition systems or physical markers to minimise the risk to aircraft operations.	DTS/DPF 8.4 No Commonwealth air safety (CASA / ASA) or Defence requirement is applicable.
PO 8.5 Meteorological masts and guidewires are identifiable to aircraft through the use of colour bands, marker balls, high visibility sleeves or flashing strobes.	DTS/DPF 8.5 None are applicable.

Renewable Energy Facilities (Solar Power)

<p>PO 9.1</p> <p>Ground mounted solar power facilities generating 5MW or more are not located on land requiring the clearance of areas of intact native vegetation or on land of high environmental, scenic or cultural value.</p>	<p>DTS/DPF 9.1</p> <p>None are applicable.</p>
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<p>PO 9.2</p> <p>Ground mounted solar power facilities allow for movement of wildlife by:</p> <ul style="list-style-type: none"> (a) incorporating wildlife corridors and habitat refuges (b) avoiding the use of extensive security or perimeter fencing or incorporating fencing that enables the passage of small animals without unreasonably compromising the security of the facility. 	<p>DTS/DPF 9.2</p> <p>None are applicable.</p>
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<p>PO 9.3</p> <p>Amenity impacts of solar power facilities are minimised through separation from conservation areas and sensitive receivers in other ownership.</p>	<p>DTS/DPF 9.3</p> <p>Ground mounted solar power facilities are set back from land boundaries, conservation areas and relevant zones in accordance with the following criteria:</p> <table border="1"> <thead> <tr> <th>Generation Capacity</th> <th>Approximate size of array</th> <th>Setback from adjoining land boundary</th> <th>Setback from conservation areas</th> <th>Setback from Township, Rural Settlement, Rural Neighbourhood and Rural Living Zones¹</th> </tr> </thead> <tbody> <tr> <td>50MW></td> <td>80ha+</td> <td>30m</td> <td>500m</td> <td>2km</td> </tr> <tr> <td>10MW<50MW</td> <td>16ha-<80ha</td> <td>25m</td> <td>500m</td> <td>1.5km</td> </tr> <tr> <td>5MW<10MW</td> <td>8ha to <16ha</td> <td>20m</td> <td>500m</td> <td>1km</td> </tr> <tr> <td>1MW<5MW</td> <td>1.6ha to <8ha</td> <td>15m</td> <td>500m</td> <td>500m</td> </tr> <tr> <td>100kW<1MW</td> <td>0.5ha<1.6ha</td> <td>10m</td> <td>500m</td> <td>100m</td> </tr> <tr> <td><100kW</td> <td><0.5ha</td> <td>5m</td> <td>500m</td> <td>25m</td> </tr> </tbody> </table> <p>Notes:</p> <p>1. Does not apply when the site of the proposed ground mounted solar power facility is located within one of these zones.</p>	Generation Capacity	Approximate size of array	Setback from adjoining land boundary	Setback from conservation areas	Setback from Township, Rural Settlement, Rural Neighbourhood and Rural Living Zones ¹	50MW>	80ha+	30m	500m	2km	10MW<50MW	16ha-<80ha	25m	500m	1.5km	5MW<10MW	8ha to <16ha	20m	500m	1km	1MW<5MW	1.6ha to <8ha	15m	500m	500m	100kW<1MW	0.5ha<1.6ha	10m	500m	100m	<100kW	<0.5ha	5m	500m	25m
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<p>PO 9.4</p> <p>Ground mounted solar power facilities incorporate landscaping within setbacks from adjacent road frontages and boundaries of adjacent allotments accommodating non-host dwellings, where balanced with infrastructure access and bushfire safety considerations.</p>	<p>DTS/DPF 9.4</p> <p>None are applicable.</p>
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Hydropower / Pumped Hydropower Facilities

<p>PO 10.1</p> <p>Hydropower / pumped hydropower facility storage is designed and operated to minimise the risk of storage dam failure.</p>	<p>DTS/DPF 10.1</p> <p>None are applicable.</p>
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<p>PO 10.2</p> <p>Hydropower / pumped hydropower facility storage is designed and operated to minimise water loss through increased evaporation or system leakage, with the incorporation of appropriate liners, dam covers, operational measures or detection systems.</p>	<p>DTS/DPF 10.2</p> <p>None are applicable.</p>
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<p>PO 10.3</p> <p>Hydropower / pumped hydropower facilities on existing or former mine sites minimise environmental impacts from site contamination, including from mine operations or water sources subject to such processes, now or in the future.</p>	<p>DTS/DPF 10.3</p> <p>None are applicable.</p>
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Water Supply

<p>PO 11.1</p> <p>Development is connected to an appropriate water supply to meet the ongoing requirements of the intended use.</p>	<p>DTS/DPF 11.1</p> <p>Development is connected, or will be connected, to a reticulated water scheme or mains water supply with the capacity to meet the on-going requirements of the development.</p>
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<p>PO 11.2</p> <p>Dwellings are connected to a reticulated water scheme or mains water supply with the capacity to meet the requirements of the intended use. Where this is not available an appropriate rainwater tank or storage system for domestic use is provided.</p>	<p>DTS/DPF 11.2</p> <p>A dwelling is connected, or will be connected, to a reticulated water scheme or mains water supply with the capacity to meet the requirements of the development. Where this is not available it is serviced by a rainwater tank or tanks capable of holding at least</p>
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	50,000 litres of water which is: (a) exclusively for domestic use (b) connected to the roof drainage system of the dwelling.
Wastewater Services	
PO 12.1 Development is connected to an approved common wastewater disposal service with the capacity to meet the requirements of the intended use. Where this is not available an appropriate on-site service is provided to meet the ongoing requirements of the intended use in accordance with the following: (a) it is wholly located and contained within the allotment of the development it will service (b) in areas where there is a high risk of contamination of surface, ground, or marine water resources from on-site disposal of liquid wastes, disposal systems are included to minimise the risk of pollution to those water resources (c) septic tank effluent drainage fields and other wastewater disposal areas are located away from watercourses and flood prone, sloping, saline or poorly drained land to minimise environmental harm.	DTS/DPF 12.1 Development is connected, or will be connected, to an approved common wastewater disposal service with the capacity to meet the requirements of the development. Where this is not available it is instead capable of being serviced by an on-site waste water treatment system in accordance with the following: (a) the system is wholly located and contained within the allotment of development it will service; and (b) the system will comply with the requirements of the South Australian Public Health Act 2011.
PO 12.2 Effluent drainage fields and other wastewater disposal areas are maintained to ensure the effective operation of waste systems and minimise risks to human health and the environment.	DTS/DPF 12.2 Development is not built on, or encroaches within, an area that is, or will be, required for a sewerage system or waste control system.
Temporary Facilities	
PO 13.1 In rural and remote locations, development that is likely to generate significant waste material during construction, including packaging waste, makes provision for a temporary on-site waste storage enclosure to minimise the incidence of wind-blown litter.	DTS/DPF 13.1 A waste collection and disposal service is used to dispose of the volume of waste at the rate it is generated.
PO 13.2 Temporary facilities to support the establishment of renewable energy facilities (including borrow pits, concrete batching plants, laydown, storage, access roads and worker amenity areas) are sited and operated to minimise environmental impact.	DTS/DPF 13.2 None are applicable.

Intensive Animal Husbandry and Dairies

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Development of intensive animal husbandry and dairies in locations that are protected from encroachment by sensitive receivers and in a manner that minimises their adverse effects on amenity and the environment.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Siting and Design	
PO 1.1 Intensive animal husbandry, dairies and associated activities are sited, designed, constructed and managed to not unreasonably impact on the environment or amenity of the locality.	DTS/DPF 1.1 None are applicable.
PO 1.2 Intensive animal husbandry, dairies and associated activities are sited, designed, constructed and managed to prevent the potential transmission of disease to other operations where animals are kept.	DTS/DPF 1.2 None are applicable.
PO 1.3 Intensive animal husbandry and associated activities such as wastewater lagoons and	DTS/DPF 1.3 None are applicable.

liquid/solid waste disposal areas are sited, designed, constructed and managed to not unreasonably impact on sensitive receivers in other ownership in terms of noise and air emissions.	
PO 1.4 Dairies and associated activities such as wastewater lagoons and liquid/solid waste disposal areas are sited, designed, constructed and managed to not unreasonably impact on sensitive receivers in other ownership in terms of noise and air emissions.	DTS/DPF 1.4 Dairies, associated wastewater lagoon(s) and liquid/solid waste storage and disposal facilities are located 500m or more from the nearest sensitive receiver in other ownership.
PO 1.5 Lagoons for the storage or treatment of milking shed effluent is adequately separated from roads to minimise impacts from odour on the general public.	DTS/DPF 1.5 Lagoons for the storage or treatment of milking shed effluent are set back 20m or more from public roads.
Waste	
PO 2.1 Storage of manure, used litter and other wastes (other than waste water lagoons) is sited, designed, constructed and managed to: (a) avoid attracting and harbouring vermin (b) avoid polluting water resources (c) be located outside 1% AEP flood event areas.	DTS/DPF 2.1 None are applicable.
Soil and Water Protection	
PO 3.1 To avoid environmental harm and adverse effects on water resources, intensive animal husbandry operations are appropriately set back from: (a) public water supply reservoirs (b) major watercourses (third order or higher stream) (c) any other watercourse, bore or well used for domestic or stock water supplies.	DTS/DPF 3.1 Intensive animal husbandry operations are set back: (a) 800m or more from a public water supply reservoir (b) 200m or more from a major watercourse (third order or higher stream) (c) 100m or more from any other watercourse, bore or well used for domestic or stock water supplies.
PO 3.2 Intensive animal husbandry operations and dairies incorporate appropriately designed effluent and run-off facilities that: (a) have sufficient capacity to hold effluent and runoff from the operations on site (b) ensure effluent does not infiltrate and pollute groundwater, soil or other water resources.	DTS/DPF 3.2 None are applicable.

Interface between Land Uses

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Development is located and designed to mitigate adverse effects on or from neighbouring and proximate land uses.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
General Land Use Compatibility	
PO 1.1 Sensitive receivers are designed and sited to protect residents and occupants from adverse impacts generated by lawfully existing land uses (or lawfully approved land uses) and land uses desired in the zone.	DTS/DPF 1.1 None are applicable.
PO 1.2 Development adjacent to a site containing a sensitive receiver (or lawfully approved sensitive receiver) or zone primarily intended to accommodate sensitive receivers is designed to minimise adverse impacts.	DTS/DPF 1.2 None are applicable.
Hours of Operation	
PO 2.1	DTS/DPF 2.1

<p>Non-residential development does not unreasonably impact the amenity of sensitive receivers (or lawfully approved sensitive receivers) or an adjacent zone primarily for sensitive receivers through its hours of operation having regard to:</p> <ul style="list-style-type: none"> (a) the nature of the development (b) measures to mitigate off-site impacts (c) the extent to which the development is desired in the zone (d) measures that might be taken in an adjacent zone primarily for sensitive receivers that mitigate adverse impacts without unreasonably compromising the intended use of that land. 	<p>Development operating within the following hours:</p>	
	Class of Development	Hours of operation
	Consulting room	7am to 9pm, Monday to Friday 8am to 5pm, Saturday
	Office	7am to 9pm, Monday to Friday 8am to 5pm, Saturday
	Shop, other than any one or combination of the following:	7am to 9pm, Monday to Friday 8am to 5pm, Saturday and Sunday
	<ul style="list-style-type: none"> (a) restaurant (b) cellar door in the Productive Rural Landscape Zone, Rural Zone or Rural Horticulture Zone 	

Overshadowing

<p>PO 3.1</p> <p>Overshadowing of habitable room windows of adjacent residential land uses in:</p> <ul style="list-style-type: none"> a. a neighbourhood-type zone is minimised to maintain access to direct winter sunlight b. other zones is managed to enable access to direct winter sunlight. 	<p>DTS/DPF 3.1</p> <p>North-facing windows of habitable rooms of adjacent residential land uses in a neighbourhood-type zone receive at least 3 hours of direct sunlight between 9.00am and 3.00pm on 21 June.</p>
<p>PO 3.2</p> <p>Overshadowing of the primary area of private open space or communal open space of adjacent residential land uses in:</p> <ul style="list-style-type: none"> a. a neighbourhood type zone is minimised to maintain access to direct winter sunlight b. other zones is managed to enable access to direct winter sunlight. 	<p>DTS/DPF 3.2</p> <p>Development maintains 2 hours of direct sunlight between 9.00 am and 3.00 pm on 21 June to adjacent residential land uses in a neighbourhood-type zone in accordance with the following:</p> <ul style="list-style-type: none"> a. for ground level private open space, the smaller of the following: <ul style="list-style-type: none"> i. half the existing ground level open space or ii. 35m² of the existing ground level open space (with at least one of the area's dimensions measuring 2.5m) b. for ground level communal open space, at least half of the existing ground level open space.
<p>PO 3.3</p> <p>Development does not unduly reduce the generating capacity of adjacent rooftop solar energy facilities taking into account:</p> <ul style="list-style-type: none"> (a) the form of development contemplated in the zone (b) the orientation of the solar energy facilities (c) the extent to which the solar energy facilities are already overshadowed. 	<p>DTS/DPF 3.3</p> <p>None are applicable.</p>
<p>PO 3.4</p> <p>Development that incorporates moving parts, including windmills and wind farms, are located and operated to not cause unreasonable nuisance to nearby dwellings and tourist accommodation caused by shadow flicker.</p>	<p>DTS/DPF 3.4</p> <p>None are applicable.</p>

Activities Generating Noise or Vibration

<p>PO 4.1</p> <p>Development that emits noise (other than music) does not unreasonably impact the amenity of sensitive receivers (or lawfully approved sensitive receivers).</p>	<p>DTS/DPF 4.1</p> <p>Noise that affects sensitive receivers achieves the relevant Environment Protection (Commercial and Industrial Noise) Policy criteria.</p>
<p>PO 4.2</p> <p>Areas for the on-site manoeuvring of service and delivery vehicles, plant and equipment, outdoor work spaces (and the like) are designed and sited to not unreasonably impact the amenity of adjacent sensitive receivers (or lawfully approved sensitive receivers) and zones primarily intended to accommodate sensitive receivers due to noise and vibration by adopting techniques including:</p> <ul style="list-style-type: none"> (a) locating openings of buildings and associated services away from the interface with the adjacent sensitive receivers and zones primarily intended to accommodate sensitive receivers (b) when sited outdoors, locating such areas as far as practicable from adjacent sensitive receivers and zones primarily intended to accommodate sensitive receivers 	<p>DTS/DPF 4.2</p> <p>None are applicable.</p>

<p>(c) housing plant and equipment within an enclosed structure or acoustic enclosure (d) providing a suitable acoustic barrier between the plant and / or equipment and the adjacent sensitive receiver boundary or zone.</p>					
<p>PO 4.3 Fixed plant and equipment in the form of pumps and/or filtration systems for a swimming pool or spa are positioned and/or housed to not cause unreasonable noise nuisance to adjacent sensitive receivers (or lawfully approved sensitive receivers).</p>	<p>DTS/DPF 4.3 The pump and/or filtration system ancillary to a dwelling erected on the same site is: (a) enclosed in a solid acoustic structure located at least 5m from the nearest habitable room located on an adjoining allotment or (b) located at least 12m from the nearest habitable room located on an adjoining allotment.</p>				
<p>PO 4.4 External noise into bedrooms is minimised by separating or shielding these rooms from service equipment areas and fixed noise sources located on the same or an adjoining allotment.</p>	<p>DTS/DPF 4.4 Adjacent land is used for residential purposes.</p>				
<p>PO 4.5 Outdoor areas associated with licensed premises (such as beer gardens or dining areas) are designed and/or sited to not cause unreasonable noise impact on existing adjacent sensitive receivers (or lawfully approved sensitive receivers).</p>	<p>DTS/DPF 4.5 None are applicable.</p>				
<p>PO 4.6 Development incorporating music achieves suitable acoustic amenity when measured at the boundary of an adjacent sensitive receiver (or lawfully approved sensitive receiver) or zone primarily intended to accommodate sensitive receivers.</p>	<p>DTS/DPF 4.6 Development incorporating music includes noise attenuation measures that will achieve the following noise levels:</p> <table border="1"> <thead> <tr> <th>Assessment location</th> <th>Music noise level</th> </tr> </thead> <tbody> <tr> <td>Externally at the nearest existing or envisaged noise sensitive location</td> <td>Less than 8dB above the level of background noise (L_{90,15min}) in any octave band of the sound spectrum (LOCT10,15 < LOCT90,15 + 8dB)</td> </tr> </tbody> </table>	Assessment location	Music noise level	Externally at the nearest existing or envisaged noise sensitive location	Less than 8dB above the level of background noise (L _{90,15min}) in any octave band of the sound spectrum (LOCT10,15 < LOCT90,15 + 8dB)
Assessment location	Music noise level				
Externally at the nearest existing or envisaged noise sensitive location	Less than 8dB above the level of background noise (L _{90,15min}) in any octave band of the sound spectrum (LOCT10,15 < LOCT90,15 + 8dB)				
Air Quality					
<p>PO 5.1 Development with the potential to emit harmful or nuisance-generating air pollution incorporates air pollution control measures to prevent harm to human health or unreasonably impact the amenity of sensitive receivers (or lawfully approved sensitive receivers) within the locality and zones primarily intended to accommodate sensitive receivers.</p>	<p>DTS/DPF 5.1 None are applicable.</p>				
<p>PO 5.2 Development that includes chimneys or exhaust flues (including cafes, restaurants and fast food outlets) is designed to minimise nuisance or adverse health impacts to sensitive receivers (or lawfully approved sensitive receivers) by: (a) incorporating appropriate treatment technology before exhaust emissions are released (b) locating and designing chimneys or exhaust flues to maximise the dispersion of exhaust emissions, taking into account the location of sensitive receivers.</p>	<p>DTS/DPF 5.2 None are applicable.</p>				
Light Spill					
<p>PO 6.1 External lighting is positioned and designed to not cause unreasonable light spill impact on adjacent sensitive receivers (or lawfully approved sensitive receivers).</p>	<p>DTS/DPF 6.1 None are applicable.</p>				
<p>PO 6.2 External lighting is not hazardous to motorists and cyclists.</p>	<p>DTS/DPF 6.2 None are applicable.</p>				
Solar Reflectivity / Glare					
<p>PO 7.1 Development is designed and comprised of materials and finishes that do not unreasonably cause a distraction to adjacent road users and pedestrian areas or unreasonably cause heat loading and micro-climatic impacts on adjacent buildings and land uses as a result of reflective solar glare.</p>	<p>DTS/DPF 7.1 None are applicable.</p>				
Electrical Interference					
<p>PO 8.1 Development in rural and remote areas does not unreasonably diminish or result in the loss of existing communication services due to electrical interference.</p>	<p>DTS/DPF 8.1 The building or structure: (a) is no greater than 10m in height, measured from existing ground level or</p>				

	(b) is not within a line of sight between a fixed transmitter and fixed receiver (antenna) other than where an alternative service is available via a different fixed transmitter or cable.
Interface with Rural Activities	
PO 9.1 Sensitive receivers are located and designed to mitigate impacts from lawfully existing horticultural and farming activities (or lawfully approved horticultural and farming activities), including spray drift and noise and do not prejudice the continued operation of these activities.	DTS/DPF 9.1 None are applicable.
PO 9.2 Sensitive receivers are located and designed to mitigate potential impacts from lawfully existing intensive animal husbandry activities and do not prejudice the continued operation of these activities.	DTS/DPF 9.2 None are applicable.
PO 9.3 Sensitive receivers are located and designed to mitigate potential impacts from lawfully existing land-based aquaculture activities and do not prejudice the continued operation of these activities.	DTS/DPF 9.3 Sensitive receivers are located at least 200m from the boundary of a site used for land-based aquaculture and associated components in other ownership.
PO 9.4 Sensitive receivers are located and designed to mitigate potential impacts from lawfully existing dairies including associated wastewater lagoons and liquid/solid waste storage and disposal facilities and do not prejudice the continued operation of these activities.	DTS/DPF 9.4 Sensitive receivers are sited at least 500m from the boundary of a site used for a dairy and associated wastewater lagoon(s) and liquid/solid waste storage and disposal facilities in other ownership.
PO 9.5 Sensitive receivers are located and designed to mitigate the potential impacts from lawfully existing facilities used for the handling, transportation and storage of bulk commodities (recognising the potential for extended hours of operation) and do not prejudice the continued operation of these activities.	DTS/DPF 9.5 Sensitive receivers are located away from the boundary of a site used for the handling, transportation and/or storage of bulk commodities in other ownership in accordance with the following: (a) 300m or more, where it involves the handling of agricultural crop products, rock, ores, minerals, petroleum products or chemicals to or from any commercial storage facility (b) 300m or more, where it involves the handling of agricultural crop products, rock, ores, minerals, petroleum products or chemicals at a wharf or wharf side facility (including sea-port grain terminals) where the handling of these materials into or from vessels does not exceed 100 tonnes per day (c) 500m or more, where it involves the storage of bulk petroleum in individual containers with a capacity up to 200 litres and a total on-site storage capacity not exceeding 1000 cubic metres (d) 500m or more, where it involves the handling of coal with a capacity up to 1 tonne per day or a storage capacity up to 50 tonnes (e) 1000m or more, where it involves the handling of coal with a capacity exceeding 1 tonne per day but not exceeding 100 tonnes per day or a storage capacity exceeding 50 tonnes but not exceeding 5000 tonnes.
PO 9.6 Setbacks and vegetation plantings along allotment boundaries should be incorporated to mitigate the potential impacts of spray drift and other impacts associated with agricultural and horticultural activities.	DTS/DPF 9.6 None are applicable.
PO 9.7 Urban development does not prejudice existing agricultural and horticultural activities through appropriate separation and design techniques.	DTS/DPF 9.7 None are applicable.
Interface with Mines and Quarries (Rural and Remote Areas)	
PO 10.1 Sensitive receivers are separated from existing mines to minimise the adverse impacts from noise, dust and vibration.	DTS/DPF 10.1 Sensitive receivers are located no closer than 500m from the boundary of a Mining Production Tenement under the <i>Mining Act 1971</i> .

Land Division

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	<p>Land division:</p> <ul style="list-style-type: none"> (a) creates allotments with the appropriate dimensions and shape for their intended use (b) allows efficient provision of new infrastructure and the optimum use of underutilised infrastructure (c) integrates and allocates adequate and suitable land for the preservation of site features of value, including significant vegetation, watercourses, water bodies and other environmental features (d) facilitates solar access through allotment orientation (e) creates a compact urban form that supports active travel, walkability and the use of public transport (f) avoids areas of high natural hazard risk.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
All land division	
Allotment configuration	
PO 1.1 Land division creates allotments suitable for their intended use.	<p>DTS/DPF 1.1</p> <p>Division of land satisfies (a) or (b):</p> <ul style="list-style-type: none"> (a) reflects the site boundaries illustrated and approved in an operative or existing development authorisation for residential development under the <i>Development Act 1993</i> or <i>Planning, Development and Infrastructure Act 2016</i> where the allotments are used or are proposed to be used solely for residential purposes (b) is proposed as part of a combined land division application with deemed-to-satisfy dwellings on the proposed allotments.
PO 1.2 Land division considers the physical characteristics of the land, preservation of environmental and cultural features of value and the prevailing context of the locality.	<p>DTS/DPF 1.2</p> <p>None are applicable.</p>
Design and Layout	
PO 2.1 Land division results in a pattern of development that minimises the likelihood of future earthworks and retaining walls.	<p>DTS/DPF 2.1</p> <p>None are applicable.</p>
PO 2.2 Land division enables the appropriate management of interface impacts between potentially conflicting land uses and/or zones.	<p>DTS/DPF 2.2</p> <p>None are applicable.</p>
PO 2.3 Land division maximises the number of allotments that face public open space and public streets.	<p>DTS/DPF 2.3</p> <p>None are applicable.</p>
PO 2.4 Land division is integrated with site features, adjacent land uses, the existing transport network and available infrastructure.	<p>DTS/DPF 2.4</p> <p>None are applicable.</p>
PO 2.5 Development and infrastructure is provided and staged in a manner that supports an orderly and economic provision of land, infrastructure and services.	<p>DTS/DPF 2.5</p> <p>None are applicable.</p>
PO 2.6 Land division results in watercourses being retained within open space and development taking place on land not subject to flooding.	<p>DTS/DPF 2.6</p> <p>None are applicable.</p>
PO 2.7 Land division results in legible street patterns connected to the surrounding street network.	<p>DTS/DPF 2.7</p> <p>None are applicable.</p>
PO 2.8 Land division is designed to preserve existing vegetation of value including native vegetation and regulated and significant trees.	<p>DTS/DPF 2.8</p> <p>None are applicable.</p>
Roads and Access	
PO 3.1 Land division provides allotments with access to an all-weather public road.	<p>DTS/DPF 3.1</p> <p>None are applicable.</p>
PO 3.2 Street patterns and intersections are designed to enable the safe and efficient movement of pedestrian, cycle and vehicular traffic.	<p>DTS/DPF 3.2</p> <p>None are applicable.</p>

PO 3.3 Land division does not impede access to publicly owned open space and/or recreation facilities.	DTS/DPF 3.3 None are applicable.
PO 3.4 Road reserves provide for safe and convenient movement and parking of projected volumes of vehicles and allow for the efficient movement of service and emergency vehicles.	DTS/DPF 3.4 None are applicable.
PO 3.5 Road reserves are designed to accommodate pedestrian and cycling infrastructure, street tree planting, landscaping and street furniture.	DTS/DPF 3.5 None are applicable.
PO 3.6 Road reserves accommodate stormwater drainage and public utilities.	DTS/DPF 3.6 None are applicable.
PO 3.7 Road reserves provide unobstructed vehicular access and egress to and from individual allotments and sites.	DTS/DPF 3.7 None are applicable.
PO 3.8 Roads, open space and thoroughfares provide safe and convenient linkages to the surrounding open space and transport network.	DTS/DPF 3.8 None are applicable.
PO 3.9 Public streets are designed to enable tree planting to provide shade and enhance the amenity of streetscapes.	DTS/DPF 3.9 None are applicable.
PO 3.10 Local streets are designed to create low-speed environments that are safe for cyclists and pedestrians.	DTS/DPF 3.10 None are applicable.
Infrastructure	
PO 4.1 Land division incorporates public utility services within road reserves or dedicated easements.	DTS/DPF 4.1 None are applicable.
PO 4.2 Waste water, sewage and other effluent is capable of being disposed of from each allotment without risk to public health or the environment.	DTS/DPF 4.2 Each allotment can be connected to: (a) a waste water treatment plant that has the hydraulic volume and pollutant load treatment and disposal capacity for the maximum predicted wastewater volume generated by subsequent development of the proposed allotment or (b) a form of on-site waste water treatment and disposal that meets relevant public health and environmental standards.
PO 4.3 Septic tank effluent drainage fields and other waste water disposal areas are maintained to ensure the effective operation of waste systems and minimise risks to human health and the environment.	DTS/DPF 4.3 Development is not built on, or encroaches within, an area that is or will be, required for a sewerage system or waste control system.
PO 4.4 Constructed wetland systems, including associated detention and retention basins, are sited and designed to ensure public health and safety is protected, including by minimising potential public health risks arising from the breeding of mosquitoes.	DTS/DPF 4.4 None are applicable.
PO 4.5 Constructed wetland systems, including associated detention and retention basins, are sited and designed to allow sediments to settle prior to discharge into watercourses or the marine environment.	DTS/DPF 4.5 None are applicable.
PO 4.6 Constructed wetland systems, including associated detention and retention basins, are sited and designed to function as a landscape feature.	DTS/DPF 4.6 None are applicable.
Minor Land Division (Under 20 Allotments)	
Open Space	
PO 5.1 Land division proposing an additional allotment under 1 hectare provides or supports the provision of open space.	DTS/DPF 5.1 None are applicable.

Solar Orientation	
PO 6.1 Land division for residential purposes facilitates solar access through allotment orientation.	DTS/DPF 6.1 None are applicable.
Water Sensitive Design	
PO 7.1 Land division creating a new road or common driveway includes stormwater management systems that minimise the discharge of sediment, suspended solids, organic matter, nutrients, bacteria, litter and other contaminants to the stormwater system, watercourses or other water bodies.	DTS/DPF 7.1 None are applicable.
PO 7.2 Land division designed to mitigate peak flows and manage the rate and duration of stormwater discharges from the site to ensure that the development does not increase the peak flows in downstream systems.	DTS/DPF 7.2 None are applicable.
Battle-Axe Development	
PO 8.1 Battle-axe development appropriately responds to the existing neighbourhood context.	DTS/DPF 8.1 Allotments are not in the form of a battle-axe arrangement.
PO 8.2 Battle-axe development designed to allow safe and convenient movement.	DTS/DPF 8.2 The handle of a battle-axe development: (a) has a minimum width of 4m or (b) where more than 3 allotments are proposed, a minimum width of 5.5m.
PO 8.3 Battle-axe allotments and/or common land are of a suitable size and dimension to allow passenger vehicles to enter and exit and manoeuvre within the site in a safe and convenient manner.	DTS/DPF 8.3 Battle-axe development allows a B85 passenger vehicle to enter and exit parking spaces in no more than a three-point turn manoeuvre.
PO 8.4 Battle-axe or common driveways incorporate landscaping and permeability to improve appearance and assist in stormwater management.	DTS/DPF 8.4 Battle-axe or common driveways satisfy (a) and (b): (a) are constructed of a minimum of 50% permeable or porous material (b) where the driveway is located directly adjacent the side or rear boundary of the site, soft landscaping with a minimum dimension of 1m is provided between the driveway and site boundary (excluding along the perimeter of a passing point).
Major Land Division (20+ Allotments)	
Open Space	
PO 9.1 Land division allocates or retains evenly distributed, high quality areas of open space to improve residential amenity and provide urban heat amelioration.	DTS/DPF 9.1 None are applicable.
PO 9.2 Land allocated for open space is suitable for its intended active and passive recreational use considering gradient and potential for inundation.	DTS/DPF 9.2 None are applicable.
PO 9.3 Land allocated for active recreation has dimensions capable of accommodating a range of active recreational activities.	DTS/DPF 9.3 None are applicable.
Water Sensitive Design	
PO 10.1 Land division creating 20 or more allotments includes a stormwater management system designed to mitigate peak flows and manage the rate and duration of stormwater discharges from the site to ensure that the development does not increase the peak flows in downstream systems.	DTS/DPF 10.1 None are applicable.
PO 10.2 Land division creating 20 or more allotments includes stormwater management systems that minimise the discharge of sediment, suspended solids, organic matter, nutrients, bacteria, litter and other contaminants to the stormwater system, watercourses or other water bodies.	DTS/DPF 10.2 None are applicable.
Solar Orientation	
PO 11.1 Land division creating 20 or more allotments for residential purposes facilitates solar access through allotment orientation and allotment dimensions.	DTS/DPF 11.1 None are applicable.

Marinas and On-Water Structures

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Marinas and on-water structures are located and designed to minimise the impairment of commercial, recreational and navigational activities and adverse impacts on the environment.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Navigation and Safety	
PO 1.1 Safe public access is provided or maintained to the waterfront, public infrastructure and recreation areas.	DTS/DPF 1.1 None are applicable.
PO 1.2 The operation of wharves is not impaired by marinas and on-water structures.	DTS/DPF 1.2 None are applicable.
PO 1.3 Navigation and access channels are not impaired by marinas and on-water structures.	DTS/DPF 1.3 None are applicable.
PO 1.4 Commercial shipping lanes are not impaired by marinas and on-water structures.	DTS/DPF 1.4 Marinas and on-water structures are set back 250m or more from commercial shipping lanes.
PO 1.5 Marinas and on-water structures are located to avoid interfering with the operation or function of a water supply pumping station.	DTS/DPF 1.5 On-water structures are set back: (a) 3km or more from upstream water supply pumping station take-off points (b) 500m or more from downstream water supply pumping station take-off points.
PO 1.6 Maintenance of on-water infrastructure, including revetment walls, is not impaired by marinas and on-water structures.	DTS/DPF 1.6 None are applicable.
Environmental Protection	
PO 2.1 Development is sited and designed to facilitate water circulation and exchange.	DTS/DPF 2.1 None are applicable.

Open Space and Recreation

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Pleasant, functional and accessible open space and recreation facilities are provided at State, regional, district, neighbourhood and local levels for active and passive recreation, biodiversity, community health, urban cooling, tree canopy cover, visual amenity, gathering spaces, wildlife and waterway corridors, and a range of other functions and at a range of sizes that reflect the purpose of that open space.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Land Use and Intensity	
PO 1.1 Recreation facilities are compatible with surrounding land uses and activities.	DTS/DPF 1.1 None are applicable.
PO 1.2 Open space areas include natural or landscaped areas using locally indigenous plant species and large trees.	DTS/DPF 1.2 None are applicable.
Design and Siting	
PO 2.1 Open space and recreation facilities address adjacent public roads to optimise pedestrian access and visibility.	DTS/DPF 2.1 None are applicable.
PO 2.2 Open space and recreation facilities incorporate park furniture, shaded areas and resting places.	DTS/DPF 2.2 None are applicable.
PO 2.3 Open space and recreation facilities link habitats, wildlife corridors and existing open spaces and recreation facilities.	DTS/DPF 2.3 None are applicable.
Pedestrians and Cyclists	
PO 3.1 Open space incorporates: (a) pedestrian and cycle linkages to other open spaces, centres, schools and public transport nodes; (b) safe crossing points where pedestrian routes intersect the road network; (c) easily identified access points.	DTS/DPF 3.1 None are applicable.
Usability	
PO 4.1 Land allocated for open space is suitable for its intended active and passive recreational use taking into consideration its gradient and potential for inundation.	DTS/DPF 4.1 None are applicable.
Safety and Security	
PO 5.1 Open space is overlooked by housing, commercial or other development to provide casual surveillance where possible.	DTS/DPF 5.1 None are applicable.
PO 5.2 Play equipment is located to maximise opportunities for passive surveillance.	DTS/DPF 5.2 None are applicable.
PO 5.3 Landscaping provided in open space and recreation facilities maximises opportunities for casual surveillance throughout the park.	DTS/DPF 5.3 None are applicable.
PO 5.4 Fenced parks and playgrounds have more than one entrance or exit to minimise potential entrapment.	DTS/DPF 5.4 None are applicable.
PO 5.5 Adequate lighting is provided around toilets, telephones, seating, litter bins, bicycle storage, car parks and other such facilities.	DTS/DPF 5.5 None are applicable.
PO 5.6 Pedestrian and bicycle movement after dark is focused along clearly defined, adequately lit routes with observable entries and exits.	DTS/DPF 5.6 None are applicable.
Signage	
PO 6.1 Signage is provided at entrances to and within the open space and recreation facilities to provide clear orientation to major points of interest such as the location of public toilets, telephones, safe routes, park activities and the like.	DTS/DPF 6.1 None are applicable.
Buildings and Structures	
PO 7.1 Buildings and car parking areas in open space areas are designed, located and of a scale to be unobtrusive.	DTS/DPF 7.1 None are applicable.

PO 7.2 Buildings and structures in open space areas are clustered where practical to ensure that the majority of the site remains open.	DTS/DPF 7.2 None are applicable.
PO 7.3 Development in open space is constructed to minimise the extent of impervious surfaces.	DTS/DPF 7.3 None are applicable.
PO 7.4 Development that abuts or includes a coastal reserve or Crown land used for scenic, conservation or recreational purposes is located and designed to have regard to the purpose, management and amenity of the reserve.	DTS/DPF 7.4 None are applicable.
Landscaping	
PO 8.1 Open space and recreation facilities provide for the planting and retention of large trees and vegetation.	DTS/DPF 8.1 None are applicable.
PO 8.2 Landscaping in open space and recreation facilities provides shade and windbreaks: (a) along cyclist and pedestrian routes; (b) around picnic and barbecue areas; (c) in car parking areas.	DTS/DPF 8.2 None are applicable.
PO 8.3 Landscaping in open space facilitates habitat for local fauna and facilitates biodiversity.	DTS/DPF 8.3 None are applicable.
PO 8.4 Landscaping including trees and other vegetation passively watered with local rainfall run-off, where practicable.	DTS/DPF 8.4 None are applicable.

Out of Activity Centre Development

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO1	The role of Activity Centres in contributing to the form and pattern of development and enabling equitable and convenient access to a range of shopping, administrative, cultural, entertainment and other facilities in a single trip is maintained and reinforced.

Performance Outcomes and Deemed to Satisfy / Designated Performance Outcome Criteria

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
PO 1.1 Non-residential development outside Activity Centres of a scale and type that does not diminish the role of Activity Centres: (a) as primary locations for shopping, administrative, cultural, entertainment and community services (b) as a focus for regular social and business gatherings (c) in contributing to or maintaining a pattern of development that supports equitable community access to services and facilities.	DTS/DPF 1.1 None are applicable.
PO 1.2 Out-of-activity centre non-residential development complements Activity Centres through the provision of services and facilities: (a) that support the needs of local residents and workers, particularly in underserved locations (b) at the edge of Activities Centres where they cannot readily be accommodated within an existing Activity Centre to expand the range of services on offer and support the role of the Activity Centre.	DTS/DPF 1.2 None are applicable.

Resource Extraction

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Resource extraction activities are developed in a manner that minimises human and environmental impacts.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Land Use and Intensity	
PO 1.1 Resource extraction activities minimise landscape damage outside of those areas unavoidably disturbed to access and exploit a resource and provide for the progressive reclamation and betterment of disturbed areas.	DTS/DPF 1.1 None are applicable.
PO 1.2 Resource extraction activities avoid damage to cultural sites or artefacts.	DTS/DPF 1.2 None are applicable.
Water Quality	
PO 2.1 Stormwater and/or wastewater from resource extraction activities is diverted into appropriately sized treatment and retention systems to enable reuse on site.	DTS/DPF 2.1 None are applicable.
Separation Treatments, Buffers and Landscaping	
PO 3.1 Resource extraction activities minimise adverse impacts upon sensitive receivers through incorporation of separation distances and/or mounding/vegetation.	DTS/DPF 3.1 None are applicable.
PO 3.2 Resource extraction activities are screened from view from adjacent land by perimeter landscaping and/or mounding.	DTS/DPF 3.2 None are applicable.

Site Contamination

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Ensure land is suitable for the proposed use in circumstances where it is, or may have been, subject to site contamination.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
PO 1.1 Ensure land is suitable for use when land use changes to a more sensitive use.	DTS/DPF 1.1 Development satisfies (a), (b), (c) or (d): (a) does not involve a change in the use of land (b) involves a change in the use of land that does not constitute a change to a more sensitive use (c) involves a change in the use of land to a more sensitive use on land at which site contamination is unlikely to exist (as demonstrated in a site contamination declaration form) (d) involves a change in the use of land to a more sensitive use on land at which site contamination exists, or may exist (as demonstrated in a site contamination declaration form), and satisfies both of the following: (i) a site contamination audit report has been prepared under Part 10A of the <i>Environment Protection Act 1993</i> in relation to the land within the previous 5 years which states that- A. site contamination does not exist (or no longer exists) at the land

	<p>or</p> <p>B. the land is suitable for the proposed use or range of uses (without the need for any further remediation)</p> <p>or</p> <p>C. where remediation is, or remains, necessary for the proposed use (or range of uses), remediation work has been carried out or will be carried out (and the applicant has provided a written undertaking that the remediation works will be implemented in association with the development)</p> <p>and</p> <p>(ii) no other class 1 activity or class 2 activity has taken place at the land since the preparation of the site contamination audit report (as demonstrated in a site contamination declaration form).</p>
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Tourism Development

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Tourism development is built in locations that cater to the needs of visitors and positively contributes to South Australia's visitor economy.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
General	
PO 1.1 Tourism development complements and contributes to local, natural, cultural or historical context where: (a) it supports immersive natural experiences (b) it showcases South Australia's landscapes and produce (c) its events and functions are connected to local food, wine and nature.	DTS/DPF 1.1 None are applicable.
PO 1.2 Tourism development comprising multiple accommodation units (including any facilities and activities for use by guests and visitors) is clustered to minimise environmental and contextual impact.	DTS/DPF 1.2 None are applicable.
Caravan and Tourist Parks	
PO 2.1 Potential conflicts between long-term residents and short-term tourists are minimised through suitable siting and design measures.	DTS/DPF 2.1 None are applicable.
PO 2.2 Occupants are provided privacy and amenity through landscaping and fencing.	DTS/DPF 2.2 None are applicable.
PO 2.3 Communal open space and centrally located recreation facilities are provided for guests and visitors.	DTS/DPF 2.3 12.5% or more of a caravan park comprises clearly defined communal open space, landscaped areas and areas for recreation.
PO 2.4 Perimeter landscaping is used to enhance the amenity of the locality.	DTS/DPF 2.4 None are applicable.
PO 2.5 Amenity blocks (showers, toilets, laundry and kitchen facilities) are sufficient to serve the full occupancy of the development.	DTS/DPF 2.5 None are applicable.
PO 2.6 Long-term occupation does not displace tourist accommodation, particularly in important tourist destinations such as coastal and riverine locations.	DTS/DPF 2.6 None are applicable.

Tourist accommodation in areas constituted under the National Parks and Wildlife Act 1972	
PO 3.1 Tourist accommodation avoids delicate or environmentally sensitive areas such as sand dunes, cliff tops, estuaries, wetlands or substantially intact strata of native vegetation (including regenerated areas of native vegetation lost through bushfire).	DTS/DPF 3.1 None are applicable.
PO 3.2 Tourist accommodation is sited and designed in a manner that is subservient to the natural environment and where adverse impacts on natural features, landscapes, habitats and cultural assets are avoided.	DTS/DPF 3.2 None are applicable.
PO 3.3 Tourist accommodation and recreational facilities, including associated access ways and ancillary structures, are located on cleared (other than where cleared as a result of bushfire) or degraded areas or where environmental improvements can be achieved.	DTS/DPF 3.3 None are applicable.
PO 3.4 Tourist accommodation is designed to prevent conversion to private dwellings through: <ul style="list-style-type: none"> (a) comprising a minimum of 10 accommodation units (b) clustering separated individual accommodation units (c) being of a size unsuitable for a private dwelling (d) ensuring functional areas that are generally associated with a private dwelling such as kitchens and laundries are excluded from, or physically separated from individual accommodation units, or are of a size unsuitable for a private dwelling. 	DTS/DPF 3.4 None are applicable.

Transport, Access and Parking

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	A comprehensive, integrated and connected transport system that is safe, sustainable, efficient, convenient and accessible to all users.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Movement Systems	
PO 1.1 Development is integrated with the existing transport system and designed to minimise its potential impact on the functional performance of the transport system.	DTS/DPF 1.1 None are applicable.
PO 1.2 Development is designed to discourage commercial and industrial vehicle movements through residential streets and adjacent other sensitive receivers.	DTS/DPF 1.2 None are applicable.
PO 1.3 Industrial, commercial and service vehicle movements, loading areas and designated parking spaces are separated from passenger vehicle car parking areas to ensure efficient and safe movement and minimise potential conflict.	DTS/DPF 1.3 None are applicable.
PO 1.4 Development is sited and designed so that loading, unloading and turning of all traffic avoids interrupting the operation of and queuing on public roads and pedestrian paths.	DTS/DPF 1.4 All vehicle manoeuvring occurs onsite.
Sightlines	
PO 2.1 Sightlines at intersections, pedestrian and cycle crossings, and crossovers to allotments for motorists, cyclists and pedestrians are maintained or enhanced to ensure safety for all road users and pedestrians.	DTS/DPF 2.1 None are applicable.
PO 2.2	DTS/DPF 2.2

Walls, fencing and landscaping adjacent to driveways and corner sites are designed to provide adequate sightlines between vehicles and pedestrians.	None are applicable.
Vehicle Access	
PO 3.1 Safe and convenient access minimises impact or interruption on the operation of public roads.	DTS/DPF 3.1 The access is: (a) provided via a lawfully existing or authorised driveway or access point or an access point for which consent has been granted as part of an application for the division of land or (b) not located within 6m of an intersection of 2 or more roads or a pedestrian activated crossing.
PO 3.2 Development incorporating vehicular access ramps ensures vehicles can enter and exit a site safely and without creating a hazard to pedestrians and other vehicular traffic.	DTS/DPF 3.2 None are applicable.
PO 3.3 Access points are sited and designed to accommodate the type and volume of traffic likely to be generated by the development or land use.	DTS/DPF 3.3 None are applicable.
PO 3.4 Access points are sited and designed to minimise any adverse impacts on neighbouring properties.	DTS/DPF 3.4 None are applicable.
PO 3.5 Access points are located so as not to interfere with street trees, existing street furniture (including directional signs, lighting, seating and weather shelters) or infrastructure services to maintain the appearance of the streetscape, preserve local amenity and minimise disruption to utility infrastructure assets.	DTS/DPF 3.5 Vehicle access to designated car parking spaces satisfy (a) or (b): (a) is provided via a lawfully existing or authorised access point or an access point for which consent has been granted as part of an application for the division of land (b) where newly proposed, is set back: (i) 0.5m or more from any street furniture, street pole, infrastructure services pit, or other stormwater or utility infrastructure unless consent is provided from the asset owner (ii) 2m or more from the base of the trunk of a street tree unless consent is provided from the tree owner for a lesser distance (iii) 6m or more from the tangent point of an intersection of 2 or more roads (iv) outside of the marked lines or infrastructure dedicating a pedestrian crossing.
PO 3.6 Driveways and access points are separated and minimised in number to optimise the provision of on-street visitor parking (where on-street parking is appropriate).	DTS/DPF 3.6 Driveways and access points: (a) for sites with a frontage to a public road of 20m or less, one access point no greater than 3.5m in width is provided (b) for sites with a frontage to a public road greater than 20m: (i) a single access point no greater than 6m in width is provided or (ii) not more than two access points with a width of 3.5m each are provided.
PO 3.7 Access points are appropriately separated from level crossings to avoid interference and ensure their safe ongoing operation.	DTS/DPF 3.7 Development does not involve a new or modified access or cause an increase in traffic through an existing access that is located within the following distance from a railway crossing: (a) 80 km/h road - 110m (b) 70 km/h road - 90m (c) 60 km/h road - 70m (d) 50km/h or less road - 50m.
PO 3.8 Driveways, access points, access tracks and parking areas are designed and constructed to allow adequate movement and manoeuvrability having regard to the types of vehicles that are reasonably anticipated.	DTS/DPF 3.8 None are applicable.
PO 3.9 Development is designed to ensure vehicle circulation between activity areas occurs within the site without the need to use public roads.	DTS/DPF 3.9 None are applicable.
Access for People with Disabilities	
PO 4.1 Development is sited and designed to provide safe, dignified and convenient access for people with a disability.	DTS/DPF 4.1 None are applicable.

Vehicle Parking Rates	
<p>PO 5.1</p> <p>Sufficient on-site vehicle parking and specifically marked accessible car parking places are provided to meet the needs of the development or land use having regard to factors that may support a reduced on-site rate such as:</p> <ul style="list-style-type: none"> (a) availability of on-street car parking (b) shared use of other parking areas (c) in relation to a mixed-use development, where the hours of operation of commercial activities complement the residential use of the site, the provision of vehicle parking may be shared (d) the adaptive reuse of a State or Local Heritage Place. 	<p>DTS/DPF 5.1</p> <p>Development provides a number of car parking spaces on-site at a rate no less than the amount calculated using one of the following, whichever is relevant:</p> <ul style="list-style-type: none"> (a) Transport, Access and Parking Table 2 - Off-Street Vehicle Parking Requirements in Designated Areas if the development is a class of development listed in Table 2 and the site is in a Designated Area (b) Transport, Access and Parking Table 1 - General Off-Street Car Parking Requirements where (a) does not apply (c) if located in an area where a lawfully established carparking fund operates, the number of spaces calculated under (a) or (b) less the number of spaces offset by contribution to the fund.
Vehicle Parking Areas	
<p>PO 6.1</p> <p>Vehicle parking areas are sited and designed to minimise impact on the operation of public roads by avoiding the use of public roads when moving from one part of a parking area to another.</p>	<p>DTS/DPF 6.1</p> <p>Movement between vehicle parking areas within the site can occur without the need to use a public road.</p>
<p>PO 6.2</p> <p>Vehicle parking areas are appropriately located, designed and constructed to minimise impacts on adjacent sensitive receivers through measures such as ensuring they are attractively developed and landscaped, screen fenced, and the like.</p>	<p>DTS/DPF 6.2</p> <p>None are applicable.</p>
<p>PO 6.3</p> <p>Vehicle parking areas are designed to provide opportunity for integration and shared-use of adjacent car parking areas to reduce the total extent of vehicle parking areas and access points.</p>	<p>DTS/DPF 6.3</p> <p>None are applicable.</p>
<p>PO 6.4</p> <p>Pedestrian linkages between parking areas and the development are provided and are safe and convenient.</p>	<p>DTS/DPF 6.4</p> <p>None are applicable.</p>
<p>PO 6.5</p> <p>Vehicle parking areas that are likely to be used during non-daylight hours are provided with sufficient lighting to entry and exit points to ensure clear visibility to users.</p>	<p>DTS/DPF 6.5</p> <p>None are applicable.</p>
<p>PO 6.6</p> <p>Loading areas and designated parking spaces for service vehicles are provided within the boundary of the site.</p>	<p>DTS/DPF 6.6</p> <p>Loading areas and designated parking spaces are wholly located within the site.</p>
<p>PO 6.7</p> <p>On-site visitor parking spaces are sited and designed to be accessible to all visitors at all times.</p>	<p>DTS/DPF 6.7</p> <p>None are applicable.</p>
Undercroft and Below Ground Garaging and Parking of Vehicles	
<p>PO 7.1</p> <p>Undercroft and below ground garaging of vehicles is designed to enable safe entry and exit from the site without compromising pedestrian or cyclist safety or causing conflict with other vehicles.</p>	<p>DTS/DPF 7.1</p> <p>None are applicable.</p>
Internal Roads and Parking Areas in Residential Parks and Caravan and Tourist Parks	
<p>PO 8.1</p> <p>Internal road and vehicle parking areas are surfaced to prevent dust becoming a nuisance to park residents and occupants.</p>	<p>DTS/DPF 8.1</p> <p>None are applicable.</p>
<p>PO 8.2</p> <p>Traffic circulation and movement within the park is pedestrian friendly and promotes low speed vehicle movement.</p>	<p>DTS/DPF 8.2</p> <p>None are applicable.</p>
Bicycle Parking in Designated Areas	
<p>PO 9.1</p> <p>The provision of adequately sized on-site bicycle parking facilities encourages cycling as an active transport mode.</p>	<p>DTS/DPF 9.1</p> <p>Areas and / or fixtures are provided for the parking and storage of bicycles at a rate not less than the amount calculated using Transport, Access and Parking Table 3 - Off Street Bicycle Parking Requirements.</p>
<p>PO 9.2</p> <p>Bicycle parking facilities provide for the secure storage and tethering of bicycles in a place where casual surveillance is possible, is well lit and signed for the safety and convenience of cyclists and deters property theft.</p>	<p>DTS/DPF 9.2</p> <p>None are applicable.</p>

<p>PO 9.3</p> <p>Non-residential development incorporates end-of-journey facilities for employees such as showers, changing facilities and secure lockers, and signage indicating the location of the facilities to encourage cycling as a mode of journey-to-work transport.</p>	<p>DTS/DPF 9.3</p> <p>None are applicable.</p>
<p>Corner Cut-Offs</p>	
<p>PO 10.1</p> <p>Development is located and designed to ensure drivers can safely turn into and out of public road junctions.</p>	<p>DTS/DPF 10.1</p> <p>Development does not involve building work, or building work is located wholly outside the land shown as Corner Cut-Off Area in the following diagram:</p> 
<p>Heavy Vehicle Parking</p>	
<p>PO 11.1</p> <p>Heavy vehicle parking and access is designed and sited so that the activity does not result in nuisance to adjoining neighbours as a result of dust, fumes, vibration, odour or potentially hazardous loads.</p>	<p>DTS/DPF 11.1</p> <p>Heavy vehicle parking occurs in accordance with the following:</p> <ul style="list-style-type: none"> (a) the site is not located within a Neighbourhood-type zone (except a Rural Living Zone) (b) the site is a minimum of 0.4 ha (c) where the site is 2 ha or more, no more than 2 vehicles exceeding 3,000 kilograms each (and trailers) are to be parked on the allotment at any time (d) where the site is between 0.4 ha and 2 ha, only one vehicle exceeding 3,000 kilograms (and one trailer) are to be parking on the allotment at any time (e) the vehicle parking area achieves the following setbacks: <ul style="list-style-type: none"> (i) behind the building line or 30m, whichever is greater (ii) 20m from the secondary street if it is a State Maintained Road (iii) 10m from the secondary street if it is a local road (iv) 10m from side and rear boundaries (f) parking and access areas (including internal driveways) should be sealed or have a surface that can be treated and maintained to minimise dust and mud nuisance (g) does not include refrigerated trailers or vehicles (h) vehicles only enter and exit the property in accordance with the following hours: <ul style="list-style-type: none"> (i) Monday to Saturday 6:00am and 9:30pm (ii) Sunday and public holidays between 9:30 am and 7:00 pm (i) the handling or trans-shipment of freight is not carried out on the property.
<p>PO 11.2</p> <p>Heavy vehicle parking ensures that vehicles can enter and exit a site safely and without creating a hazard to pedestrians and other vehicular traffic.</p>	<p>DTS/DPF 11.2</p> <p>Heavy vehicles:</p> <ul style="list-style-type: none"> (a) can enter and exit the site in a forward direction; and (b) operate within the statutory mass and dimension limited for General Access Vehicles (as prescribed by the National Heavy Vehicle Regulator).
<p>PO 11.3</p> <p>Heavy vehicle parking is screened through siting behind buildings, screening, landscaping or the like to obscure views from adjoining properties and public roads.</p>	<p>DTS/DPF 11.3</p> <p>None are applicable.</p>

Table 1 - General Off-Street Car Parking Requirements

The following parking rates apply and if located in an area where a lawfully established carparking fund operates, the number of spaces is reduced by an amount equal to the number of spaces offset by contribution to the fund.

Class of Development	Car Parking Rate (unless varied by Table 2 onwards) Where a development comprises more than one development type, then the overall car parking rate will be taken to be the sum of the car parking rates for each development type.
Residential Development	
Co-located Housing	<p>Dwelling with 1 or 2 bedrooms (including rooms capable of being used as a bedroom) - 1 space per dwelling to be located in a shared car parking area / arrangement.</p> <p>Dwelling with 3 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling to be located in a shared car parking area / arrangement.</p> <p>Where development involves 3 or more dwellings, 0.33 spaces per dwelling for visitor parking to be located in a shared car parking area / arrangement.</p>

Detached Dwelling	Dwelling with 1 bedroom (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 2 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling, 1 of which is to be covered.
Group Dwelling	Dwelling with 1 or 2 bedrooms (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 3 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling, 1 of which is to be covered. 0.33 spaces per dwelling for visitor parking where development involves 3 or more dwellings.
Residential Flat Building	Dwelling with 1 or 2 bedrooms (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 3 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling, 1 of which is to be covered. 0.33 spaces per dwelling for visitor parking where development involves 3 or more dwellings.
Row Dwelling where vehicle access is from the primary street	Dwelling with 1 bedroom (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 2 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling, 1 of which is to be covered.
Row Dwelling where vehicle access is not from the primary street (i.e. rear-loaded)	Dwelling with 1 or 2 bedrooms (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 3 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling, 1 of which is to be covered.
Semi-Detached Dwelling	Dwelling with 1 bedroom (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 2 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling, 1 of which is to be covered.
Aged / Supported Accommodation	
Retirement facility	Dwelling with 1 or 2 bedrooms (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 3 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling. 0.2 spaces per dwelling for visitor parking.
Supported accommodation	0.3 spaces per bed.
Residential Development (Other)	
Ancillary accommodation	No additional requirements beyond those associated with the main dwelling.
Residential park	Dwelling with 1 or 2 bedrooms (including rooms capable of being used as a bedroom) - 1 space per dwelling. Dwelling with 3 or more bedrooms (including rooms capable of being used as a bedroom) - 2 spaces per dwelling. 0.2 spaces per dwelling for visitor parking.
Student accommodation	0.3 spaces per bed.
Workers' accommodation	0.5 spaces per bed plus 0.2 spaces per bed for visitor parking.
Tourist	
Caravan and tourist park	Parks with 100 sites or less - a minimum of 1 space per 10 sites to be used for accommodation. Parks with more than 100 sites - a minimum of 1 space per 15 sites used for accommodation. A minimum of 1 space for every caravan (permanently fixed to the ground) or cabin.
Tourist accommodation other than a caravan and tourist park	1 car parking space per accommodation unit / guest room.
Commercial Uses	
Auction room/ depot	1 space per 100m ² of building floor area plus an additional 2 spaces.
Automotive collision repair	3 spaces per service bay.
Motor repair station	3 spaces per service bay.
Office	For a call centre, 8 spaces per 100m ² of gross leasable floor area In all other cases, 4 spaces per 100m ² of gross leasable floor area.
Retail fuel outlet	3 spaces per 100m ² gross leasable floor area.
Service trade premises	2.5 spaces per 100m ² of gross leasable floor area 1 space per 100m ² of outdoor area used for display purposes.
Shop (no commercial kitchen)	5.5 spaces per 100m ² of gross leasable floor area where not located in an integrated complex containing two or more tenancies (and which may comprise more than one building) where facilities for off-street vehicle parking, vehicle loading and unloading, and the storage and collection of refuse are shared. 5 spaces per 100m ² of gross leasable floor area where located in an integrated complex containing two or more tenancies (and which may comprise more than one building) where facilities for off-street vehicle parking, vehicle loading and unloading, and the storage and collection of refuse are shared.
Shop (in the form of a bulky goods outlet)	2.5 spaces per 100m ² of gross leasable floor area.
Shop (in the form of a restaurant or involving a commercial kitchen)	Premises with a dine-in service only (which may include a take-away component with no drive-through) - 0.4 spaces per seat. Premises with take-away service but with no seats - 12 spaces per 100m ² of total floor area plus a drive-through queue capacity of ten vehicles measured from the pick-up point.

	Premises with a dine-in and drive-through take-away service - 0.3 spaces per seat plus a drive through queue capacity of 10 vehicles measured from the pick-up point.
Community and Civic Uses	
Community facility	For a library, 4 spaces per 100m2 of total floor area. For a hall/meeting hall, 0.2 spaces per seat. In all other cases, 10 spaces per 100m2 of total floor area.
Educational facility	For a primary school - 1.1 space per full time equivalent employee plus 0.25 spaces per student for a pickup/set down area either on-site or on the public realm within 300m of the site. For a secondary school - 1.1 per full time equivalent employee plus 0.1 spaces per student for a pickup/set down area either on-site or on the public realm within 300m of the site. For a tertiary institution - 0.4 per student based on the maximum number of students on the site at any time.
Place of worship	1 space for every 3 visitor seats.
Child care facility	For a child care centre, 0.25 spaces per child In all other cases, 1 per employee plus 0.25 per child (drop off/pick up bays).
Health Related Uses	
Consulting room	4 spaces per consulting room excluding ancillary facilities.
Hospital	4.5 spaces per bed for a public hospital. 1.5 spaces per bed for a private hospital.
Recreational and Entertainment Uses	
Cinema complex	0.2 spaces per seat.
Concert hall / theatre	0.2 spaces per seat.
Hotel	1 space for every 2m2 of total floor area in a public bar plus 1 space for every 6m2 of total floor area available to the public in a lounge, beer garden plus 1 space per 2 gaming machines, plus 1 space per 3 seats in a restaurant.
Indoor recreation facility	6.5 spaces per 100m2 of total floor area for a Fitness Centre 4.5 spaces per 100m2 of total floor area for all other Indoor recreation facilities.
Industry/Employment Uses	
Fuel depot	1.5 spaces per 100m2 total floor area 1 spaces per 100m2 of outdoor area used for fuel depot activity purposes.
Industry	1.5 spaces per 100m2 of total floor area.
Store	0.5 spaces per 100m2 of total floor area.
Timber yard	1.5 spaces per 100m2 of total floor area 1 space per 100m2 of outdoor area used for display purposes.
Warehouse	0.5 spaces per 100m2 total floor area.
Other Uses	
Funeral Parlour	1 space per 5 seats in the chapel plus 1 space for each vehicle operated by the parlour.
Radio or Television Station	5 spaces per 100m2 of total building floor area.

Table 2 - Off-Street Car Parking Requirements in Designated Areas

The following parking rates apply in any zone, subzone or other area described in the 'Designated Areas' column.

In the area identified in Concept Plan 152 Brompton Gasworks, car parking can be provided in a consolidated manner for that precinct rather than on a development-by-development basis

Class of Development	Car Parking Rate		Designated Areas
	Where a development comprises more than one development type, then the overall car parking rate will be taken to be the sum of the car parking rates for each development type.		
	Minimum number of spaces	Maximum number of spaces	
Development generally			
All classes of development	No minimum.	No maximum except in the Primary Pedestrian Area identified in the Primary Pedestrian Area Concept Plan, where the maximum is: 1 space for each dwelling with a total floor area less than 75 square metres 2 spaces for each dwelling with a total floor area between 75 square metres and 150 square metres 3 spaces for each dwelling with a total floor area greater than 150 square metres. Residential flat building or Residential component of a multi-storey building: 1 visitor space for each 6 dwellings.	Capital City Zone City Main Street Zone City Riverbank Zone Adelaide Park Lands Zone Business Neighbourhood Zone (within the City of Adelaide) The St Andrews Hospital Precinct Subzone and Women's and Children's Hospital Precinct Subzone of the Community Facilities Zone
Non-residential development			

Non-residential development excluding tourist accommodation	3 spaces per 100m ² of gross leasable floor area.	5 spaces per 100m ² of gross leasable floor area.	<p>City Living Zone</p> <p>Urban Corridor (Boulevard) Zone</p> <p>Urban Corridor (Business) Zone</p> <p>Urban Corridor (Living) Zone</p> <p>Urban Corridor (Main Street) Zone</p> <p>Urban Neighbourhood Zone (except for Bowden, Brompton or Hindmarsh)</p>
Non-residential development excluding tourist accommodation	3 spaces per 100m ² of gross leasable floor area.	6 spaces per 100m ² of gross leasable floor area.	<p>Strategic Innovation Zone in the City of Burnside, City of Marion or City of Mitcham</p> <p>Strategic Innovation Zone outside the City of Burnside, City of Marion or City of Mitcham when the site is also in a high frequency public transit area</p> <p>Suburban Activity Centre Zone when the site is also in a high frequency public transit area</p> <p>Suburban Business Zone when the site is also in a high frequency public transit area</p> <p>Business Neighbourhood Zone outside of the City of Adelaide when the site is also in a high frequency public transit area</p> <p>Suburban Main Street Zone when the site is also in a high frequency public transit area</p> <p>Urban Activity Centre Zone</p>
Non-residential development excluding tourist accommodation	<p>3 spaces per 100 square metres of gross leasable floor area</p> <p>1.5 spaces per 100 square metres of gross leasable floor area above ground floor level other than for a shop</p>	3 spaces per 100 square metres of gross leasable floor area	Urban Neighbourhood Zone (in Bowden, Brompton or Hindmarsh)
Tourist accommodation	1 space for every 4 bedrooms up to 100 bedrooms plus 1 space for every 5 bedrooms over 100 bedrooms	1 space per 2 bedrooms up to 100 bedrooms and 1 space per 4 bedrooms over 100 bedrooms	<p>City Living Zone</p> <p>Urban Activity Centre Zone when the site is also in a high frequency public transit area</p> <p>Urban Corridor (Boulevard) Zone</p> <p>Urban Corridor (Business) Zone</p> <p>Urban Corridor (Living) Zone</p> <p>Urban Corridor (Main Street) Zone</p> <p>Urban Neighbourhood Zone (except for Bowden, Brompton or Hindmarsh)</p>
Residential development			
Residential component of a multi-storey building	<p>Dwelling with no separate bedroom -0.25 spaces per dwelling</p> <p>1 bedroom dwelling - 0.75 spaces per dwelling</p> <p>2 bedroom dwelling - 1 space per dwelling</p> <p>3 or more bedroom dwelling - 1.25 spaces per dwelling</p> <p>0.25 spaces per dwelling for visitor parking.</p>	None specified.	<p>City Living Zone</p> <p>Strategic Innovation Zone in the City of Burnside, City of Marion or City of Mitcham</p> <p>Strategic Innovation Zone outside the City of Burnside, City of Marion or City of Mitcham when the site is also in a high frequency public transit area</p> <p>Urban Activity Centre Zone when the site is also in a high frequency public transit area</p> <p>Urban Corridor (Boulevard) Zone</p> <p>Urban Corridor (Business) Zone</p> <p>Urban Corridor (Living) Zone</p> <p>Urban Corridor (Main Street) Zone</p>

			Urban Neighbourhood Zone (except for Bowden, Brompton or Hindmarsh)
Residential component of a multi-storey building	0.75 per dwelling	None specified	Urban Neighbourhood Zone (in Bowden, Brompton or Hindmarsh)
Residential flat building	Dwelling with no separate bedroom -0.25 spaces per dwelling 1 bedroom dwelling - 0.75 spaces per dwelling 2 bedroom dwelling - 1 space per dwelling 3 or more bedroom dwelling - 1.25 spaces per dwelling 0.25 spaces per dwelling for visitor parking.	None specified.	City Living Zone Urban Activity Centre Zone when the site is also in a high frequency public transit area Urban Corridor (Boulevard) Zone Urban Corridor (Business) Zone Urban Corridor (Living) Zone Urban Corridor (Main Street) Zone Urban Neighbourhood Zone (except for Bowden, Brompton or Hindmarsh)
Residential flat building	0.75 per dwelling	None specified	Urban Neighbourhood Zone (in Bowden, Brompton or Hindmarsh)
Detached dwelling	0.75 per dwelling	None specified	Urban Neighbourhood Zone (in Bowden, Brompton or Hindmarsh)
Row dwelling	0.75 per dwelling	None specified	Urban Neighbourhood Zone (in Bowden, Brompton or Hindmarsh)
Semi-detached dwelling	0.75 per dwelling	None specified	Urban Neighbourhood Zone (in Bowden, Brompton or Hindmarsh)
Notes			
1	In the area identified in Concept Plan 152 Brompton Gasworks, car parking can be provided in a consolidated manner for that precinct rather than on a development-by-development basis		

Table 3 - Off-Street Bicycle Parking Requirements

The bicycle parking rates apply within designated areas located within parts of the State identified in the Schedule to Table 3.

Class of Development	Bicycle Parking Rate	
	Where a development comprises more than one development type, then the overall bicycle parking rate will be taken to be the sum of the bicycle parking rates for each development type.	
Consulting room	1 space per 20 employees plus 1 space per 20 consulting rooms for customers.	
Educational facility	For a secondary school - 1 space per 20 full-time time employees plus 10 percent of the total number of employee spaces for visitors. For tertiary education - 1 space per 20 employees plus 1 space per 10 full time students.	
Hospital	1 space per 15 beds plus 1 space per 30 beds for visitors.	
Indoor recreation facility	1 space per 4 employees plus 1 space per 200m ² of gross leasable floor area for visitors.	
Licensed Premises	1 per 20 employees, plus 1 per 60 square metres total floor area, plus 1 per 40 square metres of bar floor area, plus 1 per 120 square metres lounge and beer garden floor area, plus 1 per 60 square metres dining floor area, plus 1 per 40 square metres gaming room floor area.	
Office	1 space for every 200m ² of gross leasable floor area plus 2 spaces plus 1 space per 1000m ² of gross leasable floor area for visitors.	
Child care facility	1 space per 20 full time employees plus 1 space per 40 full time children.	
Recreation area	1 per 1500 spectator seats for employees plus 1 per 250 visitor and customers.	
Residential flat building	Within the City of Adelaide 1 for every dwelling for residents with a total floor area less than 150 square metres, 2 for every dwelling for residents with a total floor area greater than 150 square metres, plus 1 for every 10 dwellings for visitors, and in all other cases 1 space for every 4 dwellings for residents plus 1 for every 10 dwellings for visitors.	
Residential component of a multi-storey building	Within the City of Adelaide 1 for every dwelling for residents with a total floor area less than 150 square metres, 2 for every dwelling for residents with a total floor area greater than 150 square metres, plus 1 for every 10 dwellings for visitors, and in all other cases 1 space for every 4 dwellings for residents plus 1 space for every 10 dwellings for visitors.	
Shop	1 space for every 300m ² of gross leasable floor area plus 1 space for every 600m ² of gross leasable floor area for customers.	
Tourist accommodation	1 space for every 20 employees plus 2 for the first 40 rooms and 1 for every additional 40 rooms for visitors.	
Schedule to Table 3	Designated Area	Relevant part of the State
		The bicycle parking rate applies to a designated area located in a relevant part of the State described below.
	All zones	City of Adelaide
	Business Neighbourhood Zone Strategic Innovation Zone Suburban Activity Centre Zone Suburban Business Zone	Metropolitan Adelaide

	Suburban Main Street Zone Urban Activity Centre Zone Urban Corridor (Boulevard) Zone Urban Corridor (Business) Zone Urban Corridor (Living) Zone Urban Corridor (Main Street) Zone Urban Neighbourhood Zone	
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Waste Treatment and Management Facilities

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Mitigation of the potential environmental and amenity impacts of waste treatment and management facilities.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
Siting	
PO 1.1 Waste treatment and management facilities incorporate separation distances and attenuation measures within the site between waste operations areas (including all closed, operating and future cells) and sensitive receivers and sensitive environmental features to mitigate off-site impacts from noise, air and dust emissions.	DTS/DPF 1.1 None are applicable.
Soil and Water Protection	
PO 2.1 Soil, groundwater and surface water are protected from contamination from waste treatment and management facilities through measures such as: <ul style="list-style-type: none"> (a) containing potential groundwater and surface water contaminants within waste operations areas (b) diverting clean stormwater away from waste operations areas and potentially contaminated areas (c) providing a leachate barrier between waste operations areas and underlying soil and groundwater. 	DTS/DPF 2.1 None are applicable.
PO 2.2 Wastewater lagoons are set back from watercourses to minimise environmental harm and adverse effects on water resources.	DTS/DPF 2.2 Wastewater lagoons are set back 50m or more from watercourse banks.
PO 2.3 Wastewater lagoons are designed and sited to: <ul style="list-style-type: none"> (a) avoid intersecting underground waters; (b) avoid inundation by flood waters; (c) ensure lagoon contents do not overflow; (d) include a liner designed to prevent leakage. 	DTS/DPF 2.3 None are applicable.
PO 2.4 Waste operations areas of landfills and organic waste processing facilities are set back from watercourses to minimise adverse impacts on water resources.	DTS/DPF 2.4 Waste operations areas are set back 100m or more from watercourse banks.
Amenity	
PO 3.1 Waste treatment and management facilities are screened, located and designed to minimise adverse visual impacts on amenity.	DTS/DPF 3.1 None are applicable.

PO 3.2 Access routes to waste treatment and management facilities via residential streets is avoided.	DTS/DPF 3.2 None are applicable.
PO 3.3 Litter control measures minimise the incidence of windblown litter.	DTS/DPF 3.3 None are applicable.
PO 3.4 Waste treatment and management facilities are designed to minimise adverse impacts on both the site and surrounding areas from weed and vermin infestation.	DTS/DPF 3.4 None are applicable.
Access	
PO 4.1 Traffic circulation movements within any waste treatment or management site are designed to enable vehicles to enter and exit the site in a forward direction.	DTS/DPF 4.1 None are applicable.
PO 4.2 Suitable access for emergency vehicles is provided to and within waste treatment or management sites.	DTS/DPF 4.2 None are applicable.
Fencing and Security	
PO 5.1 Security fencing provided around waste treatment and management facilities prevents unauthorised access to operations and potential hazard to the public.	DTS/DPF 5.1 Chain wire mesh or pre-coated painted metal fencing 2m or more in height is erected along the perimeter of the waste treatment or waste management facility site.
Landfill	
PO 6.1 Landfill gas emissions are managed in an environmentally acceptable manner.	DTS/DPF 6.1 None are applicable.
PO 6.2 Landfill facilities are separated from areas of environmental significance and land used for public recreation and enjoyment.	DTS/DPF 6.2 Landfill facilities are set back 250m or more from a public open space reserve, forest reserve, national park or Conservation Zone.
PO 6.3 Landfill facilities are located on land that is not subject to land slip.	DTS/DPF 6.3 None are applicable.
PO 6.4 Landfill facilities are separated from areas subject to flooding.	DTS/DPF 6.4 Landfill facilities are set back 500m or more from land inundated in a 1% AEP flood event.
Organic Waste Processing Facilities	
PO 7.1 Organic waste processing facilities are separated from the coast to avoid potential environment harm.	DTS/DPF 7.1 Organic waste processing facilities are set back 500m or more from the coastal high water mark.
PO 7.2 Organic waste processing facilities are located on land where the engineered liner and underlying seasonal water table cannot intersect.	DTS/DPF 7.2 None are applicable.
PO 7.3 Organic waste processing facilities are sited away from areas of environmental significance and land used for public recreation and enjoyment.	DTS/DPF 7.3 Organic waste processing facilities are set back 250m or more from a public open space reserve, forest reserve, national park or a Conservation Zone.
PO 7.4 Organic waste processing facilities are located on land that is not subject to land slip.	DTS/DPF 7.4 None are applicable.
PO 7.5 Organic waste processing facilities separated from areas subject to flooding.	DTS/DPF 7.5 Organic waste processing facilities are set back 500m or more from land inundated in a 1% AEP flood event.
Major Wastewater Treatment Facilities	
PO 8.1 Major wastewater treatment and disposal systems, including lagoons, are designed to minimise potential adverse odour impacts on sensitive receivers, minimise public and environmental health risks and protect water quality.	DTS/DPF 8.1 None are applicable.
PO 8.2 Artificial wetland systems for the storage of treated wastewater are designed and sited to minimise potential public health risks arising from the breeding of mosquitoes.	DTS/DPF 8.2 None are applicable.

Workers' accommodation and Settlements

Assessment Provisions (AP)

Desired Outcome (DO)

Desired Outcome	
DO 1	Appropriately designed and located accommodation for seasonal and short-term workers in rural areas that minimises environmental and social impacts.

Performance Outcomes (PO) and Deemed-to-Satisfy (DTS) Criteria / Designated Performance Feature (DPF)

Performance Outcome	Deemed-to-Satisfy Criteria / Designated Performance Feature
PO 1.1 Workers' accommodation and settlements are obscured from scenic routes, tourist destinations and areas of conservation significance or otherwise designed to complement the surrounding landscape.	DTS/DPF 1.1 None are applicable.
PO 1.2 Workers' accommodation and settlements are sited and designed to minimise nuisance impacts on the amenity of adjacent users of land.	DTS/DPF 1.2 None are applicable.
PO 1.3 Workers' accommodation and settlements are built with materials and colours that blend with the landscape.	DTS/DPF 1.3 None are applicable.
PO 1.4 Workers' accommodation and settlements are supplied with service infrastructure such as power, water and effluent disposal sufficient to satisfy the living requirements of workers.	DTS/DPF 1.4 None are applicable.

No criteria applies to this land use. Please check the definition of the land use for further detail.