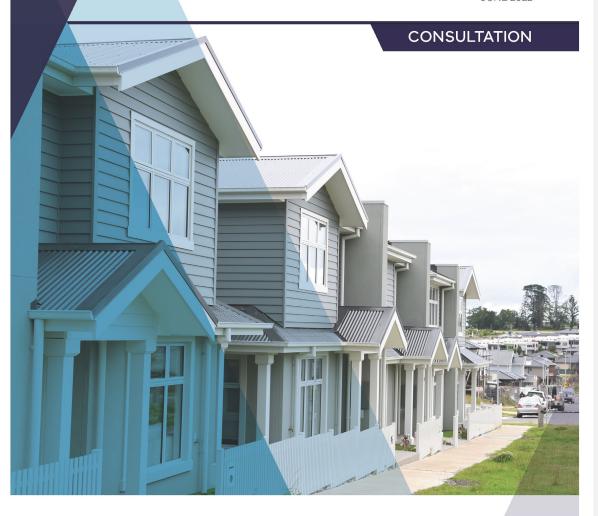
# SMALL LOT HOUSING CODE

JUNE 2022









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#### **CHAPTER 1: INTRODUCTION**

#### Where The Small Lot Housing Code Applies

The Small Lot Housing Code ("the Code") is available for use in most residential and mixeduse Precinct Structure Plans in the Urban Growth Zone (UGZ) in Melbourne's greenfield and regional growth areas and may be applied in other special purpose zones, where the Code is incorporated into the planning scheme and where the lot is identified to be assessed against the Code via a restriction on title.

#### **Exemption From Planning Permit Approval**

Where an exemption is provided for in the relevant planning scheme, a permit is not required to construct or extend one dwelling on a lot with an area less than 300 square metres where a site is identified as a lot to be assessed against the Code and it complies with the Code.

The Code is not mandatory, as a developer or house builder can opt to use the existing planning permit process. The Standards are prescriptive - a Standard is either met or not met. The Standards establish a building envelope that addresses all the siting matters covered in Part 5 of the Building Regulations 2018. There are no options, discretions or variations involved in the Code.

#### Type A, B And C

The Small Lot Housing Code provides Standards for lots nominated as Type A, B or C. Lot Types are nominated on the plan of subdivision by the applicant, prior to its certification. The Standards for Type A and B are set out at Chapter 3 of this document and the Standards for Type C are set out at Chapter 4. Only the Standards that apply to the Type nominated on the plan of subdivision can be used to assess whether a dwelling is compliant with the Code.

#### Orientation And Simultaneous Approval

Type C is intended for lots that are part of rows that will be simultaneously designed and approved. It is anticipated that these rows will front onto the same street and have the same orientation.

#### Transitional Provisions To Type A And B Standards

Several Type A and B Standards were updated with the introduction of this version of the Code. A nominated Standard that has become more restrictive, must be complied with for all titles registered after 1 January 2026. These Standards are:

- Standard 2.a requiring an entry window at a door
- Standard 2.b requiring minimum material variation to facades to front street, side and rear street alignments
- Former Standard 1.1 Maximum setback deletion
- Former Standard 2.1 to broaden the definition of "recreation reserve"



- Former Standard 2.5 v) iv. which required balconies to occupy more than 80% of the frontage.
- Standard 6.1 which has been modified to require a minimum of 1 car park per dwelling on Type A lots irrespective of number of bedrooms
- Standard 12.1 Overlooking has been modified to only require windows overlooking living rooms to be screened.

#### Previous versions of the Code

The Code was introduced into growth area planning scheme in 2011 and has been periodically amended. For earlier versions of the Code visit https://vpa.vic.gov.au/strategy-guidelines/small-lot-housing-code/

#### Exception concerning approved building envelopes

Standards establish a building envelope for a single Class 1a building and associated Class 10 buildings on an allotment. If an adjoining allotment is not subject to this Code or is not shown on the same certified plan of subdivision, regulations 79, 80, 81, 82, 83, 84, 90, 91, 94, 95, 96 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

**Commented [VPA1]:** This change is to allow SLHC lots to benefit from the varied regulation provided they still adjoin another nominated SLHC type irrespective of whether it is on a different plan of subdivision.



## **CHAPTER 2: DEFINITIONS**

**Commented [GP2]:** Are these applicable to types A, B and C?

**allotment** means land that can be disposed of separately under section 8A of the Sale of Land Act 1962 without being subdivided;

**applied zone** means a planning scheme zone that has been ascribed to a type of use/development as shown on Plan 1 of a schedule to the Urban Growth Zone (UGZ);

**bedroom** includes any room with a floor area greater than 6m<sup>2</sup>, that is enclosed on all sides and contains a window;

carport is an open style car parking structure which –

- a) has 2 or more of its side open, and
- is open for at least 1/3 of its perimeter; a side of a carport may be taken as open if the roof covering is not less than 500mm from another building on the allotment or the adjoining allotment boundary;

Class 1a is classified as one or more buildings, which -

- a) Are not located above or below another dwelling or another Class of buildings; and
- b) Together form a single dwelling including the following:
  - i. a detached house;
  - ii. one of a group of two or more attached dwellings, each being a building, separated by a fire resisting resistant wall, including a row house, terrace house, town house or villa unit;
  - iii. a single dwelling located on one allotment and used for short-term holiday accommodation.

 $\textbf{Class 10a} \ \text{is a non-habitable building being a private garage, carport, shed, or the like.}$ 

**Class 10b** is a structure being a fence, mast, antenna, retaining or free-standing wall, swimming pool, or the like;

**clear to the sky** means an unroofed area or an area roofed with a material that transmits at least 90% of liaht:

**declared road** means a freeway or an arterial road within the meaning of the *Road Management Act 2004*;

**existing building** & **existing wall** in relation to an adjoining allotment means any part of a building or wall For which there is:—

- a) for which there is an 'occupancy permit', that has been given to the relevant council;
   or
- b) for which there is a 'certificate of final inspection', that has been given to the relevant council;

**facade** means the part of the building facing a street or public open space. For calculations it is measured from a two-dimensional elevation and excluding any roof area.

fence includes a screen or structure similar to a fence;





**fin or sunhood** means a projected feature of the building that project perpendicularly from the façade. They may be structural or non-structural feature of the building.

**front street alignment** means the street or <u>public open space</u> which the front door of the dwelling faces.

**front wall** means the wall most forward of the building towards the front street or public open space, it does not include an allowable encroachment for articulation in design feature, alignment.

habitable room means a room used for normal domestic activities, and -

- a) includes a bedroom, living room, lounge room, music room, television room, kitchen, dining room, sewing room, study, playroom, family room, sunroom and the like; but
- excludes a bathroom, laundry, water closet, pantry, walk- in robe, corridor, hallway, lobby, photographic darkroom, clothes-drying room, garage, carport and other spaces of a specialised nature occupied neither frequently nor for extended periods;

height in relation to -

- a) a building (other than a wall or fence) at any point, means the vertical distance between natural ground level and the top of the roof covering; and
- a wall at any point, means the vertical distance between the natural ground level at the base of the wall and the point at which the outer wall intersects the plane of the top of the roof covering, or the top of a parapet, whichever is higher; and
- c) a fence, means the vertical distance between natural ground level at the base of the fence and the top of the fence at any point along the fence:

Chimneys, flues, service pipes, <u>solar hot water systems</u> and solar panels are not included when measuring heights;

Living room means a habitable room which is used for primarily sitting or dining.

**natural ground level** means the level of the ground at the time the <u>lot allotment</u> is created. Natural ground level is taken as being a line across the allotment that connects any two points, whether within the allotment or on adjoining allotments;

**open space reserve** means a reserve shown on the title of land as a reserve for passive, active, drainage or conservation purposes.

**paper road** means a road that is legally established (i.e. a designated road reservation is recorded in survey plans) but the physical road has not formally been constructed.

**permeable surfaces** means any ground level surface that allows water to pass through and enter into the soil including mulch, gravel, permeable pavements, decking.

**pergola** means an open structure that is unroofed but may have a covering of open weave permeable material:

**primary frontage** is either a street frontage or frontage onto open space that is accessible to pedestrians and postal deliveries. Where a lot faces both a street and open space, then the frontage to the open space is to be regarded as the primary frontage.

private open space means -

a) an unroofed area of land; or

Commented [GP3]: Added content for consistency

**Commented [LH4]:** For clarity – the front articulation of the house should be included in the setback, the allowable encroachment is only as per listed allowable encroachments and design features

b) a deck, terrace, patio, balcony, pergola, verandah, gazebo, swimming pool or spa;

private open space means an external area on an allotment, that

- a)—an outdoor area not more than 150mm above finished ground level; and
- it includes a front or rear garden, deck, terrace, patio, balcony, verandah, and
- b) does not include a driveway, carport, services area, bin store;
- c) is connected by a doorway to a habitable room.

#### raised private open space means

- a) an area of more than 2 square metres that is elevated at least 1 storey from finished ground level and is open on at least one side as a balcony, deck or similar; and
- b) if a balcony, is connected by a doorway to a habitable room; or
- c) if a rooftop, with convenient access from a habitable room.

<del>h)</del>

if a rooftop, with convenient access from a habitable room.

<del>c)</del>-

rear loaded means a dwelling which has vehicle access via a rear or side lane

and no vehicle access at the front street or front public open space alignment

**right of way** means a carriageway easement i.e. a right, annexed to land to travel over other land of different ownership.

**row** means a continuous block of developable <u>lotsallotments</u>, the row begins and ends where the end <u>lots allotment</u> do<u>es</u> not share a boundary with another developable <u>lot allotment</u> on one side.

secluded private open space means any part of private open space on an allotment –

- a) which is
  - i. at the side or rear of an existing dwelling on the allotment; or
  - ii. is a balcony area; or
  - iii. is a rooftop area; and
- b) which is primarily intended for outdoor recreation activities.

**setback** from a boundary or building means a horizontal distance from that boundary or building;

**side street alignment** means for an allotment with more than one street frontage, any other street that is not the front street <u>or a rear laneway;</u>

**side public open space alignment** means for an allotment with more than <u>one</u> public open space frontage, <u>any</u> other <u>public open space that is not adjacent to the allotment frontagethan the front public open space facing wall</u>.

**simultaneously approved** means buildings that have obtained their building permits on the same day or an application of building permits have been applied for at the same time;

site coverage in relation to an allotment that means that part of the allotment which is

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Commented [GP5]: Does 'lane' need a definition?

**Commented [VPA6]:** Modified as access may be via a 'side lane'



covered by buildings, expressed as percentage of the area of the allotment - excluding

a) eaves, fascia and gutters not exceeding 750mm in total width, unroofed swimming pools, unroofed terraces, unroofed patios, unroofed decks and pergolas.

**storey** means that part of the building between floor levels. If there is no floor above, it is the part between the floor level and ceiling. It may include an attic, basement, built over car parking area, and mezzanine;

**street** includes a road, highway, carriageway, lane, footway, square, court, alley and right of way (unless specified otherwise);

street alignment means the title boundary of an allotment that adjoins a street;

**unroofed** means an area that is not covered by a roof structure, but may be covered by eaves, gutters, fascias, sunhoods or sunshades.

wall on boundary means building on any boundary of an allotment,

- a) buildings on or within 200mm of a side a side or rear boundary of an allotment; and
- b)—carports constructed on or within 1.0 metre of a side or rear boundary of an allotment and which is open on the side facing the boundary or boundaries.

**Commented [GP7]:** Need to keep this as per building regs. Exclusion doesn't allow for building tolerance or gutter on boundary



# CHAPTER 3: TYPE A AND B STANDARDS

#### 1. Maximum street setback

1.1 The front wall of a new Class 1a Building must be set back no more than 1.5 metres than the street setback specified in Table 1.

**Commented [LH8]:** Should keep the title and add "The application is exempt from the requirements of the Building Regulations 2018" in the standard. This addresses the requirement in the building regs

**Commented [VPA9]:** Maximum setback was having unintended consequences and is considered unnecessary.

#### 2. Minimum Street setbacks and articulation

In this Standard, street does not include lane, footway, alley or right of way.

2.1 Walls of a building must be setback from front and side street alignments the distances specified in Table 1.

Table 1: Street setbacks

Designation of the allotment in the subdivision permit	Minimum setback from front street alignment	Minimum setback from side street alignment, where the lot allotment is on a corner
Туре А	4.0 metres for a building facing a declared road	1.5 metres
	1.5 metres for a building facing a street where there is a recreationan open space reserve on the other side of the street and opposite the allotment	
	3.0 metres in any other case	
Туре В	4.0 metres for a building facing a declared road	1.0 metre
	1.5 metres in any other case	

A front street setback may be to a<u>n open space</u> reserve if the dwelling is rear-loaded.



2.2 Walls of a building must be articulated in accordance with Table 2.

**Table 2:** Articulation at front and side street

Minimum articulation at front	Minimum articulation at side Street
Street Alignment	Alignment
No less than 25 per cent of the area	If a wall is more than 10.0 metres in length,
of the front façade of a building	10 per cent of the area of the wall must be
must be setback at least an	setback at least an additional 300mm
additional 300mm	
No less than 25 per cent of the area	If a wall is more than 10.0 metres in length,
of the front façade of a building	10 per cent of the area of the wall must be
must be setback at least an	setback at least an additional 300mm
additional 300mm	

For the purposes of this Standard, the area of the front façade means the area of the walls of the building facing the front street and measured from a two-dimensional elevation and excludes any roof area and the area of garage and carports doors / opening.

- 2.3 The entrance (to a door or opening) of any garage or carport, that is accessed from the front street alignment (not a lane), must be setback:
  - a) no less than 5.0 metres from the front street alignment; or
  - b) no less than 2.0 metres from the side street alignment.
- 2.4 .a) Any entry to the dwelling at a street or public open space must include at least one window, in the form of a sidelight window or viewing panel. The window may be provided via glazing in the door or a window facing the street alignment if the door opens into a living space.
- 2.b b) Facades to front street, side and rear street alignments, must include a minimum of two materials, with no material being used for more than 75 per cent of the facade on that frontage.
- 2.42.5 The following may encroach into the setback distance required by Standard 2.1 by no more than 1.5 metres
  - a) eaves, fascia and gutters; and
  - b) decks, steps or landings less than 800mm in height;

provided these encroachments do not project over a street alignment.

- 2.52.6 At least one of the following elements must be provided to the front of the building and may encroach into the setbacks required by Standard 2.1
  - a) a porch, verandah or pergola that
    - i. is open on at least 2 sides;

Commented [GP10]: No logical reason to mandate this.
-Compromises internal privacy in some designs
-May required additional lot width at additional cost

Commented [LH11]: Particularly rear loaded product (and some front loaded designs) that enter through directly to the living space already have large windows to the front of the building close to the front door. Upgraded front door above standard adds additional cost to what is supposed to be affordable product

**Commented [VPA12]:** New standards proposed to improve streetscape but to be transitioned into the scheme.

**Commented [GP13]:** -Overly prescriptive -No perceived value

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**Commented [LH14]:** The pre-consultation had this reduced to 0.5m. Support this has been left at 1.5m as 450mm eaves plus gutters are > 0.5m

Commented [LH15]: Is there opportunity to add additional design feature options to allow for innovation? One example is to allow screens as a design feature

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- ii. has a width that does not exceed 80 per cent of the frontage of the allotment or 4m, whichever is the greater; and
- iii. projects at least 800mm and no more than 1.5 metres forward of the front wall (inclusive of the eave);

or

- b) a balcony on the second storey or above, that
  - iv. for any part of the balcony that is forward of the front wall, has a width that does not exceed 80 per cent of the frontage of the allotment or 4.0 metres, whichever is the greater; and
  - viv. projects at least 300mm and no more than 1.0 metre forward of the front wall, if the balcony is roofed; or
  - vi.v.\_projects at least 800mm and no more than 1.5 metres forward of the front wall, if the balcony is not roofed;

or

- c) fin/s or sunhood/s having a minimum combined dimension of 3.1 metres which must project at least 300mm and not more than 1.0 metre forward of the front wall to which it is attached.
- (On corner allotments the design feature may extend to the façade on the secondary street frontage and encroach into the allowable setbacks in Standard 2.1)

#### 3. Building height

The reference to zone in this Standard includes an applied zone.

- 3.1 The height and/or <u>number of</u> storeys of a building must not exceed those specified in the <u>planning scheme</u> zone, inclusive of any schedule<u>or planincorporated into the planning scheme</u>. If no a height is not specified:
  - a) the building height must not exceed 11 metres; and
  - b) the building must contain no more than three (3) storeys at any point.

#### 4. Site coverage

4.1 The site area covered by buildings must not exceed the area specified in Table 3.

Table 3: Site coverage

Designation of the allotment in the subdivision permit	Site coverage
Type A	90 per cent
The percentage may be calculated as	Nil.
the average of allotments that have	
simultaneously approved/lodged	
attached dwellings	

When calculating site coverage under Standard 4.1, eaves, fascia and gutters not exceeding 600mm in total width, unroofed swimming pools, unroofed terraces, unroofed patios, unroofed decks and pergolas may be disregarded.

**Commented [VPA16]:** Intent is to allow Balconies to occupy 100% of the frontage. To be in effect from gazettal.

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**Commented [LH17]:** This is one of the problem areas that we thought we had fixed in the 2019 changes – but as the design feature is required to the "front" it does not allow for it to wrap around the corners.

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#### 5. Permeability

5.1 The site area covered by permeable surfaces must be at least the area specified in Table 4

Table 4 : Permeability

Designation of the allotment in the subdivision permit	Permeable surfaces
Type A	10 per cent
	The percentage may be calculated as the average of allotments that have simultaneously approved/lodged attached dwellings
Туре В	No minimum permeable surface specified

#### 6. Car parking

6.1 Provision must be made for the number of car parking space(s) specified in Table 5

Table 5: Car parking

Designation of the allotment in the subdivision permit	Minimum number of car parking spaces
Type A and B	1_car parking space if the building has two or less bedrooms
	2 car parking spaces if the building has 3 or
<del>Type B</del>	1 car parking space

- 6.2 The car parking space(s) required under Standard 6.1 must be accessible from a public street or lane or right of way, however, if the allotment has a frontage width of less than 6.0m access to the car parking space(s) must only be from the rear of the allotment.
- 6.3 If 1 car parking space is required under Standard 6.1 it must be at least 6.0 metres long and 3.5 metres wide.
- 6.4 If 2 car parking spaces are required proposed under Standard 6.1
  - a) one space must be at least 6.0 metres long and 3.5 metres wide; and
  - b) the second space must be at least 4.9 metres long and 2.6 metres wide.
- $6.5\,$  The minimum ceiling height to a garage, carport or car parking space is 2.1 metres.

Commented [VPA18]: Proposed change in minimum car parking requirements. Two + car parking spaces still permitted but not mandatory.

To be in effect from gazettal.



- 6.6 Despite Standard 6.4, if the 2 required car parking spaces adjoin each other in a garage or carport or in a space constrained by walls, the double space may be 5.5 metres in width.
- 6.7 If the car parking space(s) required under Standard 6.1 is in a garage or carport and the door(s) or opening(s) to the garage or carport faces the front street
  - a) the width of the door(s) or opening(s) must not exceed 50 per cent of the width of the of the frontage of the allotment; or
  - b) the area of the door(s) or opening(s) must not exceed 30 per cent of the area of the front façade of the building.

For the purposes of this Standard, the area of the front façade of the building means the area of the walls of the building facing the front street, measured from a two-dimensional elevation and excluding any roof area.

#### 7. Side and rear setbacks

Standard 7 does not apply to a wall of a building or a carport that complies with Standard 8.

7.1 A building must be set back from a side or rear boundary not less than the distance specified in Table 6.

Table 6: Side and rear setbacks

Building height at	Minimum setback from side	Minimum setback from a
any point	or rear boundary	lane
3.6 metres or less	1.0 metre	0 metres
More than 3.6 metres	1.0 metre plus 0.3 metres for	0 metres
but not more than	every metre of height over	
6.9 metres	3.6 metres	
More than 6.9 metres	2.0 metres plus 1.0 metre for	2.0 metres plus 1.0 metre for
	every metre of height over	every metre of height over
	6.9 metres	6.9 metres

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 79 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

- 7.2 The following may encroach into the setback distance required by Table 7 by not more than 500mm (this Standard does not apply to setback from lane)
  - a) porches and verandahs;
  - b) masonry chimneys;
  - c) sunblinds and sunhoods;
  - d) flues and pipes;
  - e) domestic fuel tanks and water tanks; and

**Commented [LH19]:** Should this say "Minimum setback for rear loaded allotments"? This is no definition for lane and is currently taken as anything that is named "Lane". When they are named something not Lane we are required to provide proof of the intention and that they are constructed differently.

**Commented [VPA20]:** This requirement which already applies and is set out at the front of the SLHC has also been inserted at the relevant standard for ease of use.



- f) heating and cooling equipment and other services.
- 7.3 Eaves, fascias and gutters may encroach into the setback distance required by Table 6 by not more than 600mm (this Standard does not apply to setback from lane).
- 7.4 The following may encroach into the setback distance required by Table 6 (this Standard does not apply to setback from lane)
  - a) landings with an area of not more than 2 square metres and less than 1.0 metre high;
  - b) unroofed stairways and ramps;
  - c) pergolas;
  - d) shade sails; and
  - e) decks less than 800mm above natural ground level.

#### 8. Walls on boundaries

- 8.1 The maximum height of a wall on or within 0.2 metres of a side or rear boundary, or a carport on or within 1.0m of a side or rear boundary (not a lane), must not exceed 3.6 metres unless:
  - a) it abuts an existing building on the adjoining allotments or will abut a simultaneously approved building on the boundary; and
  - b) the height difference between the existing adjoining building or the simultaneously approved building or carport does not exceed 3.6 metres.
  - c) notwithstanding Standard 8.1(a) the height difference can exceed 3.6 metres for not more than 2.0 metres at any point, and the length difference between the existing or simultaneously approved building must not exceed a total of 2.0 metres, and the additional length must not cast additional shadow on a light court in accordance with Standard 11.
- 8.2 There is no maximum wall on boundary length, provided the other Standards are

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 80 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 9. Daylight to existing habitable room windows

9.1 The application is exempt from the requirements of the Building Regulations 2018.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 81 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

**Commented [LH21]:** This should not be to do with the difference in overall building lengths but only the overlap at a given point



#### 10. Solar access to existing north-facing windows

10.1 The application is exempt from the requirements of the Building Regulations

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 82 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 11. Overshadowing of secluded private open space

11.1 A building must not reduce the sunlight to any secluded private open space of an existing building on an adjoining allotment to less than 6 square metres, with a minimum dimension of 2.0 metres.

For the purposes of calculating the area of direct sunlight at this Standard, the length of shadow cast is calculated by multiplying the height of building and/or fence by 0.9 when the sun is true north.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 83 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 12. Overlooking

- 12.1 A <u>window in a habitable room window</u>, where the floor level of the room is more than 2.5m above natural ground level and the window faces (at an angle less than 45°) <u>secluded private open space or habitable living room</u> windows of an existing dwelling within a horizontal distance of 4.5 metres, the window must either
  - a) have a sill height at least 1.7 metres above floor level; or
  - b) have fixed obscure glazing in any part of the window below 1.7 metres above floor level.

In this Standard, a window facing a habitable room window means a window within 1.5 m from the edge of the other habitable room window on the existing building.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 84 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment

12.2 A raised private open space that faces secluded private open space or habitable room windows of an existing dwelling within a horizontal distance of 4.5 metres, must be screened to a height of at least 1.7m above the floor level and be no more than 25 per cent transparent.

**Commented [VPA22]:** Intent is reduce the reliance on screening.

To be in effect from gazettal.



#### 13. Daylight to habitable room windows

13.1 Each required A habitable room window of a building on an allotment must face –

- a) an outdoor space or light court with a minimum area of 3 square metres and a minimum dimension of 1.0 metre clear to the sky, not including land on an adjoining allotment; or
- b) a verandah provided it is open for at least one third of its perimeter; or
- c) a carport provided it has two or more open sides and is open for at least one third of its perimeter

For the purposes of this Standard, a side of a carport or verandah will be open if the roof covering of the carport or verandah is not less than 500mm from another building on the allotment or the adjoining allotment boundary.

#### 14. Private open space

14.1 If a dwelling on an allotment has three or more bedrooms it must have –

- a) at least 24 square metres of private open space at the side or rear of the building with a minimum dimension of 3.0 metres; or
- b) at least 24 square metres provided in 2 or more parcels, provided that
  - i. each parcel is at least 12 square metres; and
  - ii. at least 1 parcel has a minimum dimension of 3.0 metres; or
- a balcony or roof-top area of at least 12 square metres of private open space with a minimum dimension of 3.0 metres.

14.2 If a dwelling on an allotment has two or less bedrooms it must –

- a) have at least 12 square metres of private open space at the side or rear of the building with a minimum dimension of 3.0 metres; or
- b) a balcony or rooftop area that is at least:
  - 10 per cent of the total floor area of the building excluding garages and carports; or
  - 6 square metres with a minimum dimension of 2 metres, whichever is the greater.

14.3If the private open space is provided at the side or rear of the dwelling or as a roof top area, an area of at least 6 square metres, with a minimum dimension of 2.0 metres, must have access to direct sunlight.

For the purposes of calculating the area of direct sunlight at this Standard, the length of shadow cast is calculated by multiplying the height of building and/or fence by 0.9 when the sun is true north.



#### Class 10b Buildings

#### 15. Front fence height

15.1 A front fence on or within 3m of the street alignment must not exceed the maximum height specified in specified in Table 7.

Table 7: Front fence height

Street type	Maximum fence height
A declared road	2.0 metres
Any other street	1.2 metres

15.2 A front fence, other than a front fence to a declared road, must be at least 15 per cent transparent above 700mm height.

#### 16. Fences setback more than 150mm from side and rear boundaries

16.1 A fence that is setback more than 150mm from a side or rear boundary must not exceed 2.5 metres in height\_and tThe part of the fence between above 2.0 metres and 2.5 metres in height must be at least 25 per cent transparent.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 90 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 17. Fences on or within 150mm of side or rear boundaries

17.1 A fence that is on or within 150mm of a side or rear boundary must not exceed 2.5 metres in height, and tThe part of the fence between above 2.0 metres and 2.5 metres in height must be at least 25 per cent transparent.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 91 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 18. Fences forward of front walls

18.1 Any part of a fence that is constructed forward of the front wall of a dwelling must comply with the height and transparency requirements of Standards 15.1 and 15.2.



#### 19. Fences on street alignments

In this Standard, street does not include lane, footway, alley or right of way.

- 19.1 Despite Standard 15.1 and 15.2, a fence within 3.0 metres of a point of intersection of street alignments must not exceed a height of 1.0 metre above footpath level.
- 19.2 A fence within 1.0 metre of a side street alignment
  - a) must not exceed 2.0 metres in height; and
  - b) may be solid for no more than 65 per cent of its length, the remaining length of the fence must be at least 15 per cent transparent.
- 19.3 A fence on a rear street alignment must not exceed 2.0 metres in height above natural ground level.
- 19.4 A fence adjacent to and within 1.0 metre of a street alignment or public open space must not contain barbed wire or other sharp protrusions.

20. Fences and daylight to windows in existing building

20.1 The application is exempt from the requirements of the Building Regulations 2018

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 94 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

# 21. Fences and solar access to existing north-facing habitable room windows

21.1 The application is exempt from the requirements of the Building Regulations 2018

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 95 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 22. Fences and overshadowing of secluded private open space

22.1 The application is exempt from the requirements of the Building Regulations 2018.

**Commented [VPA23]:** NGL is not mentioned in other fencing Standard of the SLHC.





If an adjoining allotment is not subject to the Small Lot Housing Code regulation 96 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.



# CHAPTER 4: TYPE C STANDARDS

#### **DWELLING ROWS**

- 1. Articulation of third storey massing
  - 1.1 A row of dwellings must not be longer than 10 allotments or 60 metres, whichever is lesser distance.
  - 1.2 Where a three (3) storey row of dwellings is proposed, a row may not be longer than six allotments unless it has a break at the third storey of at least 5.0m wide.
- 2. Repetition of façade design
  - 2.1 A façade design, including form and material or colour, must not be repeated in a row of dwellings more than six times consecutively.

#### **BUILDING HEIGHT**

#### 3. Building height

- 3.1 The height and/or number of storeys of a building must not exceed the maximum specified in the planning scheme zone, including a height specified in a schedule or plan incorporated into the planning scheme. If a height is not specified, then:
  - a) the building height must not exceed 11 metres; and
  - b) the building must contain no more than three (3) storeys at any point.

The reference to zone in this Standard includes an applied zone.

#### **SETBACKS**

- 4. Setback Maximum front setback
  - 4.1 No maximum front setback applies. The application is exempt from the requirements of the Building Regulations 2018
- 5. Setback Minimum street setback

In this Standard, a street includes a side public open space alignment.

standards were laid out differently they need to be consistently with Building Regs. This format is used for rescode 54/55 and is the reason for the layout of SLHC Type A/B. Need to comment on all the appropriate standards of the building regs. If not the building reg standard will apply

Commented [LH24]: Though you explained that the

Commented [GP25]: Why?

**Commented [GP26]:** Vertical articulation is difficult to perceive. What about horizontal articulation?

**Commented [GP27]:** Restricting design choice, some architects prefer uniformity

**Commented [LH28]:** How is this to be measured? Row of 10 townhouses, six can be the same but remaining four much be different??



5.1 Walls of a building must be set back from front and side street alignments the distances specified in **Table 1**.

Table 1: Street setbacks

Туре	Minimum setback from	Minimum setback from
	front street alignment	side street alignment
Туре С	2.5 metres; or	The setbacks specified in table 2 at column 4 'Minimum setback from the side street alignment on a corner allotment' apply;
Type C2	0.5 metres from the allotment boundary, if the allotment adjoins an open space reserve that provides a landscape buffer of at least 1.5m.	O metres if the allotment adjoins an open space reserve that provides a landscape buffer of at least 1.5m.

**Commented [LH29]:** Why? Needs to be consitant with Type A/B and the Building Regs

**Commented [LH30]:** Should not be conditional on factors outside of the allotment which cannot be controlled by the builder. Will be nominated C/C2 at subdivision so this should be a guide for councils as to where C/C2 should apply

#### 6. Setback - Wall on boundary

- 6.1 At a side <u>or rear</u> boundary the proposed building must comply with Standard 7.2 setback profile unless it abuts an existing, approved or simultaneously approved Type C building, in which case:
  - a) The proposed building may encroach on the setback profile up to a height of 3.6 metres above the adjoining building; and
  - b) The encroachment must not exceed the length of the adjoining boundary wall by more than 2.0 metres at any given point.
- 6.2 There is no maximum wall on boundary length provided other Standards are satisfied.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 80 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 7. Setback - Side and rear profile

7.1 Standard 7 does not apply to a wall of a building that complies with Standard 6.

**Commented [GP31]:** Relaxation should apply to all boundaries other than just street boundaries to encourage innovation

**Commented [LH32]:** Difference should not be based on the overall length of the adjoining walls but on each point of overlap.

7.2 Where a Type C allotment is adjacent to a Type C allotment, street or public open space a building must be set back from a side or rear boundary not less than the distance specified in **Table 2**.

Table 2: Side and rear setback profiles

Building height at any point	Minimum side setback an adjoining allotment	Minimum rear setback from an adjoining allotment	Minimum setback from a lane	Minimum setback from the side street alignment on a
pome	boundary	boundary		corner allotment
3.6 metres or less	0 metres	4.0 metres	0 metres	1.5 metres
6.9 metres or less	0 metres	4.0 metres	0 metres	1.5 metres
More than 6.9 metres	0.5 metres for every metre of height over 6.9 metres	4.0 metres plus 0.5 metres for every metre of height over 6.9 metres	0.5 metres for every metre of height over 6.9 metres	1.5 metres plus 0.5 metres for every metre of height over 6.9 metres

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 79 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 8. Setback - Allowable encroachments

8.1 The following elements may encroach into the front or side setback distance required by Standards 5.1 and 7.2;

by no more than 1 metre for an:

a) entry canopies less than 2.5 metres wide;

by no more than 0.75 metres for:

- b) eaves, fascia and gutters;
- c) sunhoods, sunshades or fins;
- d) roofed pergolas, porches and verandahs on the ground floor;
- e) balconies on the second storey or above;

up to the boundary for:

f) unroofed pergolas;

**Commented [LH33]:** As per previous comments there should be definition for lane for clarity

Commented [GP34]: This table should be consistent with Types A and B and not MORE restrictive which would contradict the intent and restrict innovation

**Commented [LH35]:** Why?? If all other amenity are met why are we adding land and cost to the allotment? Should be no more onerous than A/B

**Commented [LH36]:** Should this be 1m so not more onerous than Type B

**Commented [LH37]:** Can build a 3 storey wall on boundary even if neighbouring lot owner comes in with single storey?

Suggest it should be 1m. Wall on boundary with simultaneous build is allowable under standard 6

**Commented [LH38]:** Should be allowable for all setbacks (including rear)



Provided these encroachments do not project beyond the allotment boundary.

- 8.2 Where a Type C rear boundary is adjacent to a street, lane or public open space, or where a Type C2 boundary is adjacent to a street, lane or public open space, sunhoods and sunshades may project no more than 600mm beyond the allotment boundary, provided:
  - a) the sunhood is at least 5.0 metres above any part of a street that may be used by a motor vehicle or 2.4 metres above ground level of a street, laneway or park in any other case; and
  - b) the total length of encroaching sunshades is no more than 25 per cent of the total frontage length.

#### 9. Setback - Garage from the street

- 9.1 The entrance (to a door or opening) of any garage must be setback from the front or side street alignment:
  - a) no less than 2.5 metres from the front street alignment; and
  - b) no more than 4.0 metres from the front street alignment.

#### **ARTICULATION**

#### 10. Articulation - Entrance to the dwelling

- 10.1 A front, side or rear entry to the dwelling must be set forward of the garage at least 0.5 metres where the garage faces the front street.
- 10.2 Any entry to the dwelling at a street (not a lane) or public open space must include at least one window, in the form of a sidelight window or viewing panel. The window may be provided via glazing in the door.
- 10.3 If a dwelling is rear loaded, an entry door at the laneway must be provided. This must be separate from a garage door.

#### 11. Articulation - Massing

11.1 Where a façade faces a street or public open space, the façade portion below a height of 6.9 metres must have between 25 percent and 75 percent of its area recessed by an additional 600mm.

#### 12. Articulation - Façades through materials

Commented [LH39]: Building outside the allotment??

**Commented [LH40]:** Clarity required that this does not apply garages entering from rear or side from a lane

**Commented [GP41]:** X This is encourage visitor car to extend over footpath.

**Commented [LH42]:** Why maximum setback? Restricts innovation.

**Commented [LH43]:** Front setback is 2.5m, garage setback is 2.5m.

Should garage setback be 3m to front street alignment and 2.5 to side street  $\,$ 

10.1 should no include REAR

Commented [GP44]: Compromises privacy and security

Commented [LH45]: Particularly rear loaded product (and some front loaded designs) that enter through directly to the living space already have large windows to the front of the building close to the front door. Upgraded front door above standard adds additional cost to what is supposed to be affordable product

**Commented [GP46]:** This adds 6.6sq.m to the built area for no benefit and compromises bin storage location

**Commented [LH47]:** WHY? Adds additional land and cost, reducing affordability. This standard has one particular design in mind and reduces innovation.

If it is about passive surveillance this is achieved by standard 14.2



12.1 Facades to front streets, side and rear street alignments, and laneways must include a minimum of two materials, with no material being used for more than 75 per cent of the façade on that frontage.

For the purposes of calculating the area, windows, doors, and garages doors are not included.

Commented [GP48]: Small façade are may look silly with too many materials. There are many tools available without mandating just one

#### 13. Articulation – Detailed design

- 13.1 Any front or side frontage adjacent to a street or public open space must include at least one of the elements in Standard 8.1 excluding eaves, fascia and gutters.
- 13.2 The element must project at least 300mm forward of the façade. Porches, balconies, and verandahs must have at least a 1 metre clear width and each element must be at least 25 percent of the frontage width.
- 13.3 For the purposes of this Standard, the length is totalled for discontinuous elements such as sunshades.

#### **ACTIVATION**

#### 14. Activation and passive surveillance

- 14.1 The front setback must have an area of private open space with a 1.5 metre minimum dimension in each direction.
  - Unless the allotment is nominated as Type C2.
- 14.2 Any front, side or and rear boundary must have at least one habitable room or balcony overlooking any adjacent street, lane, footpath, park, or other open space.

#### **CAR PARKING**

#### 15. Car parking

- 15.1 One car park must be provided on site unless the dwelling is rear-loaded.
- 15.2 The car park can be provided in a garage or in an un-roofed area.
- 15.3 The car parking space must be accessible via an internal entrance from the dwelling, unless it is not provided in a garage or the dwelling is rear-loaded.
- 15.4A single car parking space must be at least 6.0 metres long and 3.2 metres wide
- 15.5The minimum ceiling height to a garage or car parking space is 2.1 metres.

**Commented [LH49]:** Standard 8.1 restricts encroachment 0.75m. This is more restrictive than A/B particularly for porches and balconies.

Commented [LH50]: Does it require mandatory fencing/screening? This doesn't make sense including this as a standard. The front setback is 2.5m and encroachments and design features only allowed up to 0.75m. All lots will have front setback of minimum 1.75m

**Commented [GP51]:** Not applicable. The primary frontage is not private. Was the intention based on landscaping objective?

**Commented [GP52]:** This sentence does not make any sense. Reverse the sentence and state the objective "Any frontage to a ..."

Commented [GP53]: Should be 'minimum' one. Limiting to single car park objective is a political statement and it inappropriately limits the lifestyle choices of the resident whilst restricting innovation. A minimum is acceptable and gives the resident and the

developer choice.

Commented [LH54]: MINIMUM one car space

**Commented [GP55]:** This is a departure from the planning provisions and may not be lawful

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15.6 If the car parking is in a garage, the door(s) or opening(s) to the garage:

- a) must not exceed 3.3 metres wide for allotments less than 7.0 metres wide;
- b) must not exceed 30 per cent of the area of the front façade of the building.
- c) garages containing side by side parking are only permitted on rearloaded lots that are greater than 7 metres wide. The width of the door(s) or opening(s) must not exceed 5.5 metres wide.

**Commented [GP56]:** Places unnecessary limitations on design and innovation. (b) spells out the reasonable aesthetic objective

**Commented [LH57]:** Adds additional land and cost to affordability.

#### PRIVATE OPEN SPACE

#### 16. Site coverage

16.1 There is no maximum site coverage.

#### 17. Private open space

- 17.1 If a dwelling has three or more bedrooms it must have a total at least 18.0 square metres of private open space. Unless the allotment is nominated as Type C2, in which case Standard 17.2 applies.
- 17.2 If a dwelling has two or less bedrooms it must have a total of at least 12.0 square metres of private open space.

17.3 The total private open space may be provided in 2 or more parcels, provided that:

- a) each parcel has a minimum dimension of 1.5 metres in all directions, and
- b) at least one parcel has the minimum area and dimension in **Table 3** with a door connecting it to the main living area.

**Table 3:** Private Open Space Parcel Sizes

Dwelling Type	Minimum Area	Minimum dimension
2 Bedrooms or less	8 square metres	2 metres
3 Bedrooms or more	8 square metres	2.4 metres

#### 18. Daylight to private open space

18.1 Each dwelling must have an area of private open space of at least 4.0 square metres with a minimum dimension of 2.0 metres, which has access to direct sunlight for at least 2 hours between 8am and 4pm on the equinox (22 September) that is

**Commented [LH58]:** Should this be measured the same as A/B for consistency





- a) at ground level; or
- b) a balcony; or
- c) a roof top terrace.

#### 19. Landscape permeability

19.1 At least 50% of unroofed ground level Private Open Space must comprise water permeable surfaces.

20. Deep soil zone

20.1 Each allotment must provide an area for deep soil planting that is a minimum of 2.5 square metres, with a minimum dimension of 1.5 metres.

This Standard does not apply to allotments with a front setback in accordance with Type C2.

**AMENITY** 

#### 21. Overshadowing of secluded private open space

- 1.1 A building must not reduce the sunlight to private open space of an existing Type C

  building on an adjoining allotment such that that allotment would no longer meet

  Standard 18.1.
- 1.1.1.2 If the adjoining allotment is not Type C aA building must not reduce the sunlight to any secluded private open space of an existing building on an adjoining allotment to less than 6 square metres, with a minimum dimension of 2.0 metres in each direction.

For the purposes of calculating the area of direct sunlight at this Standard, the length of shadow cast is calculated by multiplying the height of building by 0.9 when the sun is true north.

1.21.1 A building must not reduce the sunlight to private open space of an existing Type C building on an adjoining allotment such that that allotment would no longer meet Standard 18.1.

#### 22. Daylight to existing habitable room windows

1.3 The application is exempt from the requirements of the Building Regulations 2018.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 81 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

paving of what is a very small private open space

**Commented [GP59]:** This is unmeasurable in terms of acceptable liveability standards and would greatly limit

**Commented [GP60]:** This is not practical or relevant to ultra-small lot designs and the small setbacks in the code

**Formatted:** Indent: Left: 1.27 cm, No bullets or numbering

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#### 23. Solar access to existing north-facing windows

1.4 The application is exempt from the requirements of the Building Regulations 2018.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 82 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 24. Overlooking

A habitable room window must have a sill height or be screened to a height of 1.7 metres if it.

a) <u>is w</u> tithin 4.5 metres of a living room window and an adjoining allotment;
 and

- b) Is more than 2.5 metres above natural ground level; and
- Faces a living room window of an adjoining allotment at an angle less than 45 degrees.

In this Standard, a window facing a living room window means a window within 1.5 metres from the closest point of other habitable room window on an adjoining allotment.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 84 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

1.6 A raised private open space that faces secluded private open space or living room windows of an existing or approved dwelling within a horizontal distance of 4.5 metres, must be screened to a height of at least 1.7 metres above the floor level and be no more than 25 per cent transparent.

#### 25. Daylight to habitable rooms

- 1.7 Each habitable room window must face either of:
  - a) an outdoor space; or
  - dimension of 1.0 metre clear to the sky, with a minimum dimension of 2.5-1.0 metres measured perpendicular to the window. This may borrow from a street or public open space; or
  - a)c) \_\_\_\_\_A verandah, patio, porch or balcony that is open for more than one third of its perimeter

**Commented [GP61]:** This standard presumes that there is a plan lodged to an adjoining allotment. Is this practical?

**Commented [LH62]:** Should be to existing dwelling consistent with A/B requirements

**Commented [GP63]:** Suggest 15% as it is the standard for many proprietary products and it works well

**Commented [GP64]:** The obvious (a) should be stated first then followed by the less obvious

**Commented [GP65]:** Remove 2.5 as it is impractical in small lot designs. 1.0m is consistent with Types A/B



#### STORAGE, SERVICES, UTILITIES AND FENCES

#### 26. Garage storage

1.8 Each dwelling must have at least 2.5 cubic metres provided, it may be provided in the garage.

#### 27. Bin storage

1.9 Where a garage is provided, bin storage must be located in the garage and cannot be located in the area for garage storage.

Where no garage is provided, bin storage must be screened from view.

#### 28. Water tanks

- 1.10 An area that allows for a rainwater tank must be provided at ground level
- 1.11 Rainwater tanks must not be located in the front setback zone. be screened from view of any street or open space frontage alignment
- 1.12 The Rainwater tank area must not be counted as private open space at Standard 17.

#### 29. Water meters, gas meters and other services

1.13 Water meters, gas meters and other services must not be located at the centre of private open space in the front setback.

#### 30. Front and side boundary fence

1.14 A fence on or within 3.0 metres of a front street alignment, or on a or side street alignment, or adjacent to a public open space must not exceed the maximum height specified in Table 4.

Table 4: Front and side boundary fence heights

Types	Maximum fence height
A declared road	2.0 metres
Any other street	1.5 metres

1.15 A front or side boundary fence, other than a front or side boundary fence to a declared road, must be at least 50 percent transparent for that part of the fence above 850mm height. **Commented [LH66]:** Consistent with wording of standard that it "may" be in garage but not mandatory

Commented [LH67]: Reduces innovation.

What about rear loaded product where garbage collection is from the front?

**Commented [GP68]:** There are many design options for bins. Better to make a statement about concealment.

**Commented [GP69]:** Not feasible in small lot designs and rarely made mandatory in planning documents unless it is grey-water collection which does not necessarily require tank

Commented [LH70]: Is this practical?



#### 31. Side and rear allotment boundary fences

1.16 A fence at a side or rear boundary must not exceed 2.5 metres in height and the part of the fence above 2.0 metres in height must be at least 25 per cent transparent.

This Standard applies to all side and rear boundary fences whether located on or setback from the allotment boundary.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 90 and 91 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

#### 32. Fences forward of front walls

1.17 Any part of a fence that is constructed forward of the front wall of a dwelling must comply with the height and transparency requirements of Standards 30.1 and 30.2.

#### 33. Fences on street alignments

In this Standard, street does not include lane, footway, alley or right of way.

- 1.18 Despite Standards 30.1 and 30.2, a fence within 3.0 metres of a point of intersection of street alignments must not exceed a height of 1.0 metre above footpath level.
- 1.19 A fence within 1.0 metre of a side street alignment
  - a) must not exceed 2.0 metres in height; and
  - b) may be solid for no more than 65 per cent of its length, the remaining length of the fence must be at least 15 per cent transparent.
- 1.20 A fence on a rear street alignment must not exceed 2.0 metres in height above natural ground level.
- 1.21 A fence adjacent to and within 1.0 metre of a street alignment or public open space must not contain barbed wire or other sharp protrusions.

#### 34. Fences and daylight to windows in existing building

1.22 The application is exempt from the requirements of the Building Regulations 2018.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 94 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

- 2. Fences and solar access to existing north-facing habitable room windows
- 2.1 The application is exempt from the requirements of the Building Regulations 2018.

Commented [GP71]: 15% is normal standard

**Commented [GP72]:** Really? Cant see how a building surveyor will pick this up

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If an adjoining allotment is not subject to the Small Lot Housing Code regulation 95 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

- 3. Fences and overshadowing of secluded private open space
- 3.1 The application is exempt from the requirements of the Building Regulations 2018.

If an adjoining allotment is not subject to the Small Lot Housing Code regulation 96 of the Building Regulations 2018 apply to the extent that they relate to the adjoining allotment.

- 4. Roof reflectivity
- 4.1 Roofs must be finished with a colour or material with a Light Reflective Value greater than 50.

**Commented [GP73]:** I presume that this is an achievable and normal factor. Lately I have been asked to preclude dark roofs as they absorb heat and transmit it to the home. Design guidelines are usual place for this criteria.





