

Department of Planning, Lands and Heritage





R-Codes Volume 1 Residential Development Compliance Checklist

July 2021

The Department of Planning, Lands and Heritage acknowledges the traditional owners and custodians of this land. We pay our respect to Elders past and present, their descendants who are with us today, and those who will follow in their footsteps.

Disclaimer

This document has been produced by the Department of Planning, Lands and Heritage on behalf of the Western Australian Planning Commission. Any representation, statement, opinion or advice expressed or implied in this publication is made in good faith and on the basis that the Government, its employees and agents are not liable for any damage or loss whatsoever which may occur as a result of action taken or not taken, as the case may be, in respect of any representation, statement, opinion or advice referred to herein. Professional advice should be obtained before applying the information contained in this document to particular circumstances. Published by the Western Australian Planning Commission Gordon Stephenson House 140 William Street Perth WA 6000 Locked Bag 2506 Perth WA 6001 Published July 2021 website: www.dplh.wa.gov.au email: info@dplh.wa.gov.au

© State of Western Australia

tel: 08 6551 8002 fax: 08 6551 9001 National Relay Service: 13 36 77 This document is available in alternative formats on application to the Department of Planning, Lands and Heritage Communications Branch.

R-Codes Volume 1 Residential Development Compliance Checklist

This checklist streamlines the compliance assessment of residential development applications to support a consistent, accurate and faster determination process. It outlines the major R-Codes Vol. 1 (Part 5) design elements to be considered for various residential development proposal types including single houses, grouped dwellings, ancillary dwellings, outbuildings, external fixtures, boundary walls or fences, patios, pergolas, verandahs, garages, carports and retaining walls. The checklist does not form part of the R-Codes Vol. 1 and may be updated from time to time as a supplement the R-Codes Explanatory guidelines.

When completing the checklist it should be noted that local planning policies, local development plans and activity centre plans may contain provisions that amend or replace deemed-to-comply provisions. Assessments should be conducted against those amended/replaced provisions.

Use of the checklist is recommended for both applicants and decisionmakers to assist in the timely determination of a proposal. Applicants are encouraged to complete the checklist and submit it to the decision-maker together with the development application form, associated plan(s) and the assessment fee.

The checklist is available online at www.dplh.wa.gov.au/rcodes

General

Application description	
Reference number	

Property details

Address	
Land area	
Title information (Lot type and easements)	

Planning framework

Summary of site inspection findings/ photos

Region Scheme zoning	
Local Planning Scheme zoning/R-Code	
Land use permissibility	
Special control area	
Structure plan area	
Local development plan	
Local planning policies	
Development contributions	
Road widening proposed	
Is referral required to external agency? (Main Roads, WAPC, Heritage Council, etc.)	
Site inspection	
Site inspection undertaken	
Verge infrastructure (lighting, power, water, side entry pit, etc.)	
Street trees	
Date of site inspection	

5.1.1 Site area

R-Codes Vol. 1 deemed to comply	Required (Table 1)	Proposed	Compliance
	Minimum lot area square metres (m²)		Yes No
C1.1 and C1.2 – Site area requirements	Average lot area square metres (m ²)		Yes No
roquironiono	Minimum frontage m		Yes No
C1.3	Corner truncations up to a maximum of 20m ² to be added to the area of an adjoining lot		Yes No
	Battle-axe – access leg is no more than 20% of site area		Yes No

5.1.2 Street setback

R-Codes Vol. 1 deemed to comply	Required (Table 1)	Proposed	Compliance
C2.1 – Primary street			Yes No
C2.2 – Secondary street			Yes No
C2.3 – Corner truncation			Yes No
C2.4 – Porches, verandahs and balconies	Project into the primary street setback area to a maximum of half the required primary street setback.		Yes No

5.1.3 Lot boundary setback

Boundary (select one - north, south, east or west)

Wall/section of wall	Major opening	Length	Height	Setback required	Setback provided	Compliance
Wall	Yes No	m	m	m	m	Yes No
Eaves	Project no more than 750mm* into a setback area			m	m	Yes No
Wall	Yes No	m	m	m	m	Yes No
Eaves	Project no more than	Project no more than 750mm* into a setback area			m	Yes No

Boundary (select one - north, south, east or west)

Wall/section of wall	Major opening	Length	Height	Setback required	Setback provided	Compliance
Wall	Yes No	m	m	m	m	Yes No
Eaves	Project no more than 750mm* into a setback area			m	m	Yes No
Wall	Yes No	m	m	m	m	Yes No
Eaves	Project no more than	750mm* into a setba	ck area	m	m	Yes No

* Less setbacks may apply as per 5.1.3 C3.1, separate building code requirements may also apply.

5.1.3 Boundary walls

R-Codes Vol. 1 deemed to comply	Permitted	Proposed	Compliance
Boundary wall			Yes No
Wall length			Yes No
Maximum height			Yes No
Behind front setback			Yes No
Adjacent to existing boundary wall of similar/greater dimension			Yes No
Up to two site boundaries			Yes No

5.1.4 Open space

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C4 – Open Space (refer definition in Appendix 1)			Yes No

5.1.5 Communal open space (grouped dwellings only)

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance	
C5 – Grouped dwellings	Is communal open space proposed? If yes, refer 5.1.5 and 5.3.1		Yes No	

5.1.6 Building height

R-Codes Vol. 1 deemed to comply	Required (Table 3)	Proposed	Compliance
Pitched roof			
Maximum height of wall			Yes No
Maximum total bui	lding height		
Gable, skillion and concealed roof			Yes No
Hipped and pitched roof			Yes No

5.2.1 Setback of garages and carports

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C1.1 – Garage	4.5m or at least 0.5m behind the dwelling alignment? (Figure 8b)		Yes No
(Primary street)	3m where parallel to street		Yes No
	Carport meets primary street setback requirement or		Yes No
	Carport achieves 50% of Table 1 setback and:		Yes No
C1.2 – Carport (Primary street)	 width does not exceed 60% of frontage allows unobstructed view between dwelling and street is compatible in materials and roof pitch with the dwelling 		Yes No
C1.3 – Setback from right of way of communal street	Manoeuvring space of at least 6m provided?		Yes No
C1.4 – Secondary street (if applicable)	1.5m		Yes No

5.2.2 Garage width

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C2 – Garage width relative to frontage			Yes No

5.2.3 Street surveillance

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C3.1 – Entry points	Clearly definable entry points visible and accessible from the street		Yes No
C3.2 – Surveillance	At least one major opening from a habitable room of the dwelling faces the street and the pedestrian or vehicular approach to the dwelling		Yes No
C3.3 – Surveillance of battleaxe lots	At least one major opening from a habitable room of the dwelling faces the approach of the dwelling		Yes No

5.2.4 Street walls and fences

R-Codes Vol. 1 deemed to comply	Required (Table 3)	Proposed	Compliance
C4.1 – Fence height	Fencing (excluding pillars) within front setback visually permeable above 1.2m (Figure 12)		Yes No
C4.2 – Front fence	Maximum solid pillar height of 1.8m		Yes No
pillars	Maximum pillar dimensions of 400mm by 400mm		Yes No

5.2.5 Sightlines

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance	
C5 – Sightlines	Walls, fences and other structures truncated or reduced to no higher than 0.75m within 1.5m of where walls, fences, or other structures adjoin those outlined in C5 i $-$ iii		Yes No	

5.2.6 Appearance of retained dwelling

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C6 – Grouped and multiple dwellings	Appearance of retained dwelling upgraded to similar maintenance standard of new development		Yes No

5.3.1 Outdoor living areas

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
	Area in accordance with Table 1		Yes No
	Behind front setback		Yes No
C1.1 – Outdoor living area	Accessible from a primary living space		Yes No
uluu	Minimum width and length dimension of 4m (Figure 13)		Yes No
	Two-thirds of the required area without permanent roof cover (Figure 13)		Yes No
C1.2.	Multiple dwelling provided with a balcony (10m ² , minimum dimension 2.4m) opening directly from primary living space.		Yes No

5.3.2 Landscaping

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
	Street setback area without car-parking (except visitor bays)		Yes No
	Pedestrian access (wheelchair accessible) connecting ground floor entries with public footpath and car parking areas.		Yes No
	One tree for every four uncovered car bays (rounded to the nearest whole number)		Yes No
C2.1 – Grouped and multiple dwellings,	Lighting to pathways, communal open space and parking		Yes No
common property and communal open spaces	Bin areas conveniently located and screened		Yes No
	Trees <3m in height retained in communal open space		Yes No
	Sightlines for pedestrians and vehicles		Yes No
	Line of sight between communal open space and at least two major openings		Yes No
	Line of sight between communal open space and at least two major openings		Yes No
C2.2 – Trees and	Trees		Yes No
associated planting areas	2m x 2m tree planting area		Yes No
	Street setback area not more than 50% impervious surface		Yes No

5.3.3 Parking

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C3.1 – Resident parking	bays		Yes No
C3.2 – Visitor	bays		Yes No

5.3.4 Design of car parking spaces

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C4.1 – Car space and manoeuvring area design	As per AS 2890.1		Yes No
C4.2 – Visitor bays	Marked and signposted		Yes No
	Located outside of security barrier		Yes No
	Accessible path provided		Yes No
C4.3 – Landscaping	Landscaping between each six consecutive bays		Yes No

5.3.5 Vehicular access

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C5.1 – Access to on-site parking	Provided from communal street or right-of-way, or secondary street where no communal street or right-of- way exists, or primary street where no secondary street, communal street or right-of-way exists		Yes No
	Minimum width of 3m for driveways serving four dwellings or less		Yes No
C5.2 – Driveways to primary and secondary streets	Maximum width of 6m		Yes No
	Maximum aggregate width of 9m (where more than one driveway proposed)		Yes No
	Setback of 0.5m from side lot boundary		Yes No
	No closer than 6m to a street corner		Yes No
C5.3 – Driveways	No closer than 6m to a street corner		Yes No
Co.o – Driveways	Align at right angle to the street		Yes No
	Avoids street trees		Yes No
	Adequately paved and drained		Yes No
C5.4 – Driveways design	Does driveway serve five or more dwellings?		Yes No
for two-way access and for vehicles to enter the	Is the distance from a car space to the street 15m or more?		Yes No
street in a forward gear	Is the street a primary distributor or integrator arterial?		Yes No
C5.5 – Driveways for grouped dwellings (five	Minimum width of 4m		Yes No
or more)	Designed for two way access		Yes No
C5.6 – Driveways where retaining an existing dwelling	3m where retaining an existing dwelling and driveway services a grouped dwelling		Yes No
C5.7 – Driveways for 20 or more grouped dwellings	Minimum width 12m		Yes No

5.3.6 Pedestrian access

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C6.1	Separate path (to a minimum width of 1.2m) where communal street serves more than 10 dwellings		Yes No
C6.2	 Where communal street serves more than two dwellings the configuration of the pedestrian and vehicular route is to be provided with: clear sight lines adequate lighting paving surfaces to slow traffic 		Yes No
C6.3	A communal street or pedestrian path is to be no closer than 2.5m to any wall with a major opening unless privacy screening is provided to the communal street or pedestrian path.		Yes No

5.3.7 Site works

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C7.1 – Site works and retaining walls between the street boundary and the street setback	0.5m or less between street boundary and the street setback, except where necessary to provide for pedestrian, universal and/or vehicle access, drainage works or natural light to a dwelling.		Yes No
C7.2 – Site works and retaining walls behind front setback	Complies with Table 4: m		Yes No
C7.3 – Impact on adjoining properties	0.5m or less within 1m of a lot boundary		Yes No

5.3.8 Retaining walls - Deleted by amendment dated 02/07/2021

5.3.9 Stormwater management

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance	
C9 – Stormwater	Stormwater contained on site		Yes No	

5.4.1 Visual privacy

R-Codes Vol. 1 deemed to comply	Setback required	Proposed	Compliance
	m (C1.1)		Yes No
	m (C1.1)		Yes No

5.4.2 Solar access

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
R-Codes Vol. 1 deem to comply (as applicable)			Yes No
R25 and lower; or	25% of adjoining site area		Yes No
R30–R40; or	35% of adjoining site area		Yes No
Higher than R40	50% of adjoining site area		Yes No

5.4.3 Outbuildings

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
	Not attached to a dwelling		Yes No
	Non-habitable		Yes No
	Maximum 10m ² in area		Yes No
C3 – Small outbuildings	Maximum wall height and ridge height of 2.7m		Yes No
	Not located within the primary or secondary street setback area		Yes No
	Complies with open space and outdoor living area requirements		Yes No
	Complies with setbacks		Yes No
	Not attached to a dwelling		Yes No
	Non-habitable		Yes No
	Maximum 60m ²		Yes No
	Setback in accordance with Table 2a		Yes No
C3 – Large and multiple outbuildings	Maximum wall height of 2.4m		Yes No
	Maximum ridge height of 4.2m		Yes No
	Not located within the primary or secondary street setback area		Yes No
	Complies with open space and outdoor living area requirements		Yes No
	Complies with setbacks		Yes No

5.4.4 External fixtures, utilities and facilities

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C4.1	Solar collectors proposed		Yes No
C4.2	Television aerials, essential plumbing and down pipes permitted		Yes No
	Other external fixtures not visible from the primary street		Yes No
C4.3	Designed to integrate with the building		Yes No
	Are located so as not to be visually obtrusive		Yes No
C4.4	Antennas, satellite dishes and the like not visible from the primary and secondary street		Yes No
C4.5	Min 4m ² enclosed lockable store room with minimum dimension of 1.5m		Yes No
C4.6	Communal bin store area provided if necessary		Yes No
C4.7	Clothes drying areas screened from street		Yes No

5.5.1 Ancillary dwellings

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
	Maximum plot ratio area of 70m ²		Yes No
	Parking provided in accordance with 5.3.3		Yes No
C1	Located behind the street setback line		Yes No
	Does not preclude single house from meeting open space and OLA requirements		Yes No
	Compliance with the R-Codes with the exception of site area, street surveillance and outdoor living areas		Yes No

5.5.2 Aged and dependent persons' dwellings

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
	Maximum internal floor area of: 100m ² single house and grouped dwellings. 80m ² multiple dwellings.		□ Yes □ No
	Minimum 5 dwellings		□ Yes □ No
C2.1	Visitor parking – 1 per 4 dwellings		□ Yes □ No
	Minimum 1 wheelchair accessible visitor bay		□ Yes □ No
	Outdoor living area in accordance with 5.3.1 (area in Table B reduced by one third)		□ Yes □ No
	Comply with all other provisions of Table B		🗆 Yes 🗆 No
C2.2	Continuous path of travel in accordance with AS4299		□ Yes □ No
02.2	Level entry to the front door (preferably all external doors) in accordance with AS4299		□ Yes □ No
	Minimum 820mm clear opening internal and external doors		□ Yes □ No
C2.3	Internal corridors to be a minimum 1000mm wide, or 1200mm wide in corridors with openings on side walls		□ Yes □ No
62.5	Visitable toilet in accordance with clause 1.4.12 of AS4299		□ Yes □ No
	Toilet and approach doors to have minimum 259m nib wall and provision for installation of grab rails.		🗆 Yes 🗆 No
C2.4	At least one occupant is disabled or a physically dependent person or aged person.		□ Yes □ No

5.5.3 Single bedroom dwellings

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
	Maximum internal floor area of 70m ²		🗆 Yes 🗆 No
Open space and landscaping in accord 5.1.4 and 5.3.2	Open space and landscaping in accordance with 5.1.4 and 5.3.2		□ Yes □ No
	Parking in accordance with 5.3.3 C3.1 and C3.2		🗆 Yes 🗆 No
C2.1 Minimum	Minimum 1 wheelchair accessible visitor bay		🗆 Yes 🗆 No
	Outdoor living area in accordance with 5.3.1 (area in Table B reduced by one third)		□ Yes □ No
	Comply with all other provisions of Table B and Part B as relevant		□ Yes □ No

5.5.4 Accessible Dwellings

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
C4 Designed and constructed in accordance with the gold level universal design C4 Have a minimum internal floor area of 110m ² Comply with all other relevant provisions of the R-Codes Free Codes			□ Yes □ No
		🗆 Yes 🗆 No	
		🗆 Yes 🗆 No	

5.5.5 Small dwellings

R-Codes Vol. 1 deemed to comply	Required	Proposed	Compliance
	Maximum internal floor area of 70m ²		🗆 Yes 🗆 No
C4	Parking provided in accordance with 5.3.3 <i>Parking</i> C3.1		□ Yes □ No
	Comply with all other relevant provisions of the R-Codes		□ Yes □ No