

NATIONAL CONSTRUCTION CODE (NCC)

Section A General Provisions

Vol. 2 Part 1.3. Clause 1.3.2 Classifications:

CLASS 1: One or more buildings which in association constitute-

- (a) Class 1A-A single dwelling, being –
 - (i) A detached house, or
 - (ii) One or more attached dwellings, each being a building, separated by a fire-resisting wall, including a row house, terrace house, town house or villa unit:

CLASS 10: A non-habitable building being a private garage, carport, shed, or the like.

Section C Fire Separation

Part 3.7.1 Fire Separation

3.7.1.1 Application

Compliance with this Part satisfies Performance Requirement P2.3.1 for fire separation

3.7.1.2 General Concession – Non-combustible materials

The following materials, though combustible or containing combustible fibers, may be used wherever a non-combustible is required in the Housing Provisions:

- (a) Plasterboard, and
- (b) Perforated gypsum lath with a normal paper finish, and
- (c) Fibrous-plaster sheet, and
- (d) Fiber-reinforced cement sheeting, and
- (e) Pre-finished metal sheeting having a combustible surface finish not exceeding 1mm thick and where the Spread-of-Flame index of the product is not less than 0. And
- (f) Bonded laminated materials where
 - (i) Each laminate is non-combustible, and
 - (ii) Each adhesive layer is not more than 1mm thick, and
 - (iii) The total thickness of adhesive layers is not more than 2mm. and
 - (iv) The Spread-of-Flame index and the Smoke-Development Index of the laminated material as a whole does not exceed 0 and 3 respectively.

3.7.1.3 External Walls of Class 1 Building

An external wall of a Class 1 building and any openings in that wall must comply with 3.7.1.5, if the wall is less than

(a) 900mm from the allotment boundary other than the boundary adjoining a road alignment or other public space: or

(b) 1.8m from another building on the same allotment other than appurtenant Class 10 building or a detached part of the same Class 1 building

(a) The distance from any point on an external wall of a building to an allotment boundary or another building is the distance to that point measured along a line at right angles from the allotment boundary or external wall of the other building which intersects that point without obstruction by a wall complying with 3.7.a.5.

(b) Where a wall within a specified distance is required to be constructed in a certain manner, only that part of the wall, (including and openings) within the specified distance, must be constructed in that manner.

3.7.1.5 Construction of External Walls

(a) External walls (including gables) required to be fire-resisting (Referred to in 3.7.1.3 or 3.7.1.6) must extend to the underside of a non-combustible room covering or non-combustible eaves lining, and must-

- (i) have a FRL of not less than 60/60/60 when tested from the outside: or
- (ii) be of masonry-veneer construction in which the external masonry veneer is not less than 90mm thick: or

(i) Be of masonry construction not less than 90mm thick

(a) Openings in external wall required to be fire-resisting (referred to in 3.7.1.3 or 3.7.1.6) must be protected by-

- (i) Non-operable fire-windows or other construction with an FRL of not less than 60/-/60/-: or
- (ii) Self-closing solid-core doors not less than 35mm thick.

(b) Sub-floor vents, roof vents, weep holes and penetrations for pipes, conduit and the like need not comply with (b) above.

(c) Concessions for non-habitable room windows, conduits and the like – despite the requirements in (b), in a non-habitable room a window that faces the boundary or an adjoining allotment may be not less than 600mm from that boundary, or, where the building faces another building on the same allotment, not less than 1.2m from that building, providing that

- (i) In a bathroom, laundry or toilet, the opening has an area of not more than 1.2sqm: or
- (iii) In a room other than referred to in (i), opening has an area of not more than 0.54sqm: and-

(A) The window is steel-framed, there are no opening sashes and it is glazed in wire glass: or

(B) The opening is enclosed with hollow glass blocks

3.7.1.8 Separating Walls

(a) A wall that separates Class 1 dwellings, or separates a Class 1 building from a Class 10a building which is not appurtenant to that Class 1 building, must have an FRL of not less than 60/60/60, and

(i) commence at the footings or ground slab: and (ii) extend-

(A) If the building has a non-combustible roof covering, to the underside of the roof covering: or

(B) If the building has a combustible roof covering to not less than 450mm above the roof cover.

SPECIFICATION C1.10 Fire Hazard Properties

Materials used in the building having flammability, smoke developed and spread-of-flame indices as set-out in Spec. C1.10.

SECTION E Health and Amenity

Part F1: Damp and Weatherproofing

-Stormwater drainage must comply with AS/NZS 3500.3.2

-Roof covering to comply with F1.5

-Sarking must comply with AS/NZS 4200, Parts 1 and 2

-Water proofing of wet areas inbuilding to comply with F1.7

-Damp-proofing of floors on ground to comply with F1.11

Part F3.7: Fire safety

-Automatic fire detection system to be provided in accordance with Part 3.7.2 General concession:

Part3.7.2: Smoke alarms – requirements for smoke alarms:

(a) Smoke alarms must be installed in:

- (i) Any storey containing bedrooms

Part 3.8: Health and amenity

- Wet areas within the building must comply with the requirements of Part 3.8.1 Wet areas.

Part 3.8.6.1 Application-Compliance with this Part satisfies performance requirement P2.4.6 for sound insulation

Part 3.8.6.2 Sound insulation requirements

(a) To provide insulation from air-born and impact sound, a separating wall between two of more Class 1 buildings, must-

- (i) Achieve the weighted sound reduction with spectrum adaption term [Rw+Ctr] and discontinuous construction requirements, as required by Table 3.8.6.1: and
- (ii) Be installed in accordance with the appropriate requirements of 3.8.6.3 and 3.8.6.4

(b) For the purpose of this Part, the Rw+Ctr must be determined in accordance with AS/NZS

1276.2 or ISO 717.1, using results from laboratory measurements.

Part 3.9 Safe movement and access

- The treads and risers of the proposed stairs are to comply with Part 3.9.1.2 General requirements.

PROPERTY DESCRIPTION		PROPOSED DEVELOPMENT AT		DRAWING TITLE		BLACK COW STUDIO	
LOT	LOT 13A DP 36183	19 KENWARD AVE CHESTER HILL 2162		CONSTRUCTION NOTES		LENARD ANDERSON	
AREA	487.7m ²	FOR MOHAMMED SHAREEK		SCALE	DATE	DRAWN	CHECKED
				26-24	08-24	LA	LA
				JOB No.	DWG. No.	ISSUE	
				26-24	DC-07	A	
				Copyright of design shown here is retained and authority is reserved for any reproduction without direction and Do not scale offsite not keep approved drawings on site.		187 Cobbley Road, COBBLETON VIC 3570 0331 797 81 blackcowstudio@bigpond.com	