



**Proposed Accessibility /
Adaptable Housing Requirement**
(To be Certified on Completion of Construction)

for 20 Robert Street, Penrith

As per AS 4299 attached.

Prepared by:

Farah Georges
Director
Design Cubicle Pty Ltd

September 2018

APPENDIX A
SCHEDULE OF FEATURES FOR ADAPTABLE HOUSING
(Normative)

This schedule is a list of essential features to be incorporated into a housing unit for it to be termed an 'Adaptable House'. A higher level of 'Adaptable House' classification may be achieved by incorporating some or all of the desirable elements.

It is intended that this schedule be also used as a checklist to record the features incorporated.

CLASSIFICATION LEVELS

Adaptable house class A All essential and all desirable features incorporated.

Adaptable house class B All essential and 50% desirable features incorporated, including all those notated 'first priority'.

Adaptable house class C All essential features incorporated.

Item No.	Room/Item	Clause No.	Essential		First priority desirable		Desirable	
			Required feature	Certified by	Proposed feature	Certified by	Proposed feature	Certified by
	DRAWINGS							
1	Provision of drawings showing the housing unit in its pre-adaptation and post-adaptation stages	2.3	✓					
	SITING							
2	A level or gently sloping site with up to 1:14 gradient	3.2.2			✓			
3	A continuous accessible path of travel from street frontage and vehicle parking to entry complying with AS 1428.1	3.3.2	✓					
4	Additional paths and walkways to be continuous, slip-resistant and hard-surfaced with gradients complying with AS 1428.1	3.3.2					✓	
5	Within a residential estate development, common use facilities to be accessible	3.3.3			✓			
6	Within a residential estate development, street names with house numbers at each intersection	3.3.3					✓	
7	Within a residential estate development, internal roadways to be separate from pedestrian walkways	3.3.3			✓			
	SECURITY							
8	Pathway lighting shall be positioned at low height to avoid glare and to provide min. 50 lux at ground level	3.6.1			✓			
9	Clear line of sight from a well-lit vehicle drop-off point to safe pedestrian entry point	3.6.2			✓			

COPYRIGHT

Item No.	Room/Item	Clause No.	Essential		First priority desirable		Desirable	
			Required feature	Certified by	Proposed feature	Certified by	Proposed feature	Certified by
	LETTERBOXES IN ESTATE DEVELOPMENTS							
10	Within residential estate developments, letterboxes centrally located adjacent to street entry. Lockable	3.8			✓			
11	Letterboxes to be on hard standing area connected to accessible pathway	3.8	✓					
12	Letterbox area roofed and in a well lit location	3.8			✓			
13	Parcel rack included with letterboxes	3.8			✓			
	PRIVATE CAR ACCOMMODATION							
14	Carparking space or garage min. area 6.0 m × 3.8 m	3.7.2	✓					
15	Roof to car parking space	3.7.1			✓			
16	Internal clearance of garage or carport 2.5 m min.	3.7.2					✓	
17	Provision for power-operated roller door to garage	3.7.2					✓	
18	Covered access to dwelling unit	3.7.3			✓			
19	Illumination level min. 50 lux	4.10			✓			
	ACCESSIBLE ENTRY							
20	Accessible entry	4.3.1	✓					
21	Entry protected by porch or similar	4.3.1					✓	
22	Accessible entry to be level (i.e. max. 1:40 slope)	4.3.2	✓					
23	Threshold to be low-level	4.3.2	✓					
24	Landing to enable wheelchair manoeuvrability	4.3.2	✓					
25	Accessible entry door to have 850 mm min. clearance	4.3.1	✓					
26	Weatherproofed entry door	4.3.3					✓	
27	Door lever handles and hardware to AS 1428.1	4.3.4	✓					
28	Provision for combined door/security door	4.3.5			✓			
29	Potential min. illumination level 300 lux	4.10			✓			
	EXTERIOR: GENERAL							
30	All external doors to be keyed alike	4.3.4					✓	
31	Provision for security screen to exterior opening or sliding windows and doors	4.7.6			✓			
	INTERIOR: GENERAL							
32	Internal doors to have 820 mm min. clearance	4.3.3	✓					
33	Internal corridors min. width of 1000 mm	4.3.7	✓					
34	Provision for compliance with AS 1428.1 for door approaches	4.3.7	✓					
35	Window sills at max. 730 mm above floor level to living and 600 mm above floor level to bedroom areas	4.7.2. and 4.6.2					✓	

COPYRIGHT

Item No.	Room/Item	Clause No.	Essential		First priority desirable		Desirable	
			Required feature	Certified by	Proposed feature	Certified by	Proposed feature	Certified by
LIVING ROOM & DINING ROOM								
36	Provision for circulation space of min. 2250 mm diameter	4.7.1	✓					
37	Minimum 4 double GPOs	4.7.3			✓			
38	Telephone adjacent to GPO	4.7.4	✓					
39	Telephone outlet location between kitchen and living space, adjacent to GPO	4.7.4					✓	
40	Two TV antenna outlets adjacent to GPO (positioned so viewing from dining and kitchen is achievable)	4.7.5			✓			
41	Potential illumination level min. 300 lux	4.10	✓					
KITCHEN								
42	Minimum width 2.7 m (1550 mm clear between benches)	4.5.2	✓					
43	Provision for circulation at doors to comply with AS 1428.1	4.5.1	✓					
44	Provision for benches planned to include at least one worksurface of 800 mm length, adjustable in height from 750 mm to 850 mm or replaceable. Refer to Figure 4.8	4.5.5	✓					
45	Refrigerator adjacent to work surface	4.5.5	✓					
46	Kitchen sink adjustable to heights from 750 mm to 850 mm or replaceable	4.5.6	✓					
47	Kitchen sink bowl max. 150 mm deep	4.5.6	✓					
48	Tap set capstan or lever handles or lever mixer	4.5.6(e)	✓					
49	Tap set located within 300 mm of front of sink	4.5.6(e)	✓					
50	Installation of thermostatic mixing valve	4.5.6(f)			✓			
51	Cooktops to include either front or side controls with raised cross bars	4.5.7	✓					
52	Cooktops to include isolating switch	4.5.7	✓					
53	Worksurface min. 800 mm length adjacent to cooktop at same height	4.5.7	✓					
54	Oven located adjacent to an adjustable height or replaceable work surface	4.5.8	✓					
55	Provision for microwave oven at height of 750 mm–1200 mm above floor	4.5.9					✓	
56	Central light with second light over sink. Potential illumination level min. 300 lux with 550 lux over work surfaces	4.10			✓			
57	Adjustable shelving: depth 600 mm max. up to 800 mm above floor; depth 450 mm max. from 800 to 1500 mm above floor; depth 300 mm max. above 1500 mm	4.5.10					✓	

COPYRIGHT

Item No.	Room/Item	Clause No.	Essential		First priority desirable		Desirable	
			Required feature	Certified by	Proposed feature	Certified by	Proposed feature	Certified by
58	Locate handles towards the top of below bench cupboards and towards the bottom of overhead cupboards. Provide 'D' pull handles	4.5.10			✓			
59	GPOs to comply with AS 1428.1. At least one double GPO within 300 mm of front of work surface	4.5.11	✓					
60	GPO for refrigerator to be easily reachable when the refrigerator is in its operating position	4.5.11	✓					
61	Slip-resistant floor surface	4.5.4	✓					
MAIN BEDROOM								
62	At least one bedroom of area sufficient to accommodate queen size bed and wardrobe and circulation space requirements of AS 1428.2	4.6.1	✓					
63	Two double GPOs on wall where bedhead is likely to be	4.6.3			✓			
64	Minimum of one GPO on opposite wall	4.6.3					✓	
65	Telephone outlet next to bed on the side closest to door (with GPO adjacent to telephone outlet)	4.6.5			✓			
66	TV antenna point and double GPO on opposite wall to bedhead	4.6.6			✓			
67	2-way light switches, one located above bed. 1000 mm high above floor	4.6.4			✓			
68	Potential illumination level 300 lux	4.10			✓			
69	Sliding doors on wardrobe with full length mirror	4.6.7					✓	
OTHER BEDROOMS								
70	Two double GPOs on one wall. Minimum of one GPO on opposite wall	4.6.3			✓			
71	Two-way light switch	4.6.4			✓			
72	Telephone outlet next to double GPO	4.6.5			✓			
73	TV antenna point adjacent to one GPO	4.6.6			✓			
74	Potential illumination level 300 lux	4.10			✓			
BATHROOM								
75	Provision for bathroom area to comply with AS 1428.1	4.4.1	✓					
76	Slip-resistant floor surface	4.4.2	✓					
77	Shower recess-no hob. Minimum size 1160 × 1100 to comply with AS 1428.1. (Refer Figures 4.6 and 4.7)	4.4.4(f)	✓					
78	Shower area waterproofed to AS 3740 with floor to fall to waste	4.4.4(f)	✓					
79	Recessed soap holder	4.4.4(f)	✓					
80	Shower taps positioned for easy reach to access side of shower sliding track	4.4.4(f)	✓					
81	Shower waste min. 80 mm diameter	4.4.4(f)					✓	

COPYRIGHT

Item No.	Room/Item	Clause No.	Essential		First priority desirable		Desirable	
			Required feature	Certified by	Proposed feature	Certified by	Proposed feature	Certified by
82	Provision for adjustable, detachable hand held shower rose mounted on a slider grabrail or fixed hook (plumbing and wall-strengthening provision)	4.4.4(h)	✓					
83	Provision for grabrail in shower (Refer to Figure 4.7) to comply with AS 1428.1	4.4.4(h)	✓					
84	Provision for additional grabrail	4.4.4(h)			✓			
85	Provision for folding seat in shower to comply with AS 1428.1	4.4.4(h)					✓	
86	Tap sets to be capstan or lever handles with single outlet	4.4.4(c)	✓					
87	Installation of thermostatic mixing valve	4.4.4(b)			✓			
88	Provision for washbasin with clearances to comply with AS 1428.1	4.4.4(g)	✓					
89	Wall cabinet with light over or similar	4.4.4(d)			✓			
90	Double GPO beside mirror	4.4.4(d)	✓					
91	Potential illumination level 300 lux generally with 600 lux task lighting	4.10			✓			
	TOILET							
92	Provision of either 'visitable toilet' or accessible toilet	4.4.3	✓					
93	Provision to comply with AS 1428.1	4.4.1	✓					
94	Location of WC pan at correct distance from fixed walls	4.4.3	✓					
95	Provision for grab rail zone. (Refer Figure 4.6)	4.4.4(h)	✓					
96	Slip resistant floor surface. (Vitreous tiles or similar)	4.4.2	✓					
97	Recessed toilet roll holder	4.4.3					✓	
	LAUNDRY							
98	Circulation at doors to comply with AS 1428.1	4.8	✓					
99	Provision for adequate circulation space in front of or beside appliances (min. 1550 mm depth)	4.8	✓					
100	Provision for automatic washing machine	4.8(e)	✓					
101	Provision for drier	4.8(f)			✓			
102	Where clothes line is provided, an accessible path of travel to this	4.8(a)	✓					
103	Installation of thermostatic mixing valve	4.8(d)			✓			
104	Taps positioned at side of tub	4.8(c)					✓	
105	Double GPO	4.8(g)	✓					
106	Provision of shelf for soaps and similar, 1200 mm max. height	4.8(h)					✓	
107	Potential illumination level 300 lux generally with 550 lux task lighting	4.10			✓			
108	Slip-resistant floor surface	4.9.1	✓					

COPYRIGHT

Item No.	Room/Item	Clause No.	Essential		First priority desirable		Desirable	
			Required feature	Certified by	Proposed feature	Certified by	Proposed feature	Certified by
	STORAGE							
109	Linen cupboard min. 600 mm wide with adjustable shelving	4.11.5			✓			
	DOOR LOCKS							
110	Door hardware operable with one hand, located 900–1100 mm above floor	4.3.4	✓					
	FLOOR COVERINGS							
111	Slip resistant surfaces — balconies and external paved areas. (Vitreous tile or similar)	4.9.1			✓			
	ANCILLARY ITEMS							
112	Switches located 900–1100 mm above floor in line with door handles	4.11.1			✓			
113	GPOs located not less than 600 mm above floor	4.11.1			✓			
114	Electrical distribution board located inside housing unit	4.11.2					✓	
115	Window controls located in an accessible position	4.11.4					✓	
	GARBAGE							
116	Provision for bin in an accessible location	4.11.6			✓			
117	Provision for external wheelchair storage	4.11.6					✓	
118	Provision for external battery charging facility	4.11.6					✓	
119	Guide dog accommodation	4.11.6					✓	

IMPLEMENTATION The Table indicates essential/desirable categories and the level required of the feature noted. All essential items are pre-checked in the 'essential' features column. The independent certifier must initial the second column to confirm the item has been incorporated into the building.

The developer/builder shall indicate which 'first priority desirable' and 'desirable' features are intended to be incorporated in the 'adaptable house' by checking the relevant boxes. The independent certifier must initial the second column to confirm the item has been incorporated into the building.

Upon addition of the number of 'first priority desirable' and 'desirable' features provided, and conversion to a percentage of the total possible desirable features, the classification level can be ascertained.

The certifier should sign the checklist as to the class of adaptable housing achieved.

No. of desirable features incorporated

Add number of first priority desirable features

Total

	=		%	of

64 possible desirable features

NOTE: Minimum 50% must be achieved for class B certification; 100% must be achieved for class A certification.

COPYRIGHT

Adaptable house class C achieved
Certifier

Adaptable house class B achieved
Certifier

Adaptable house class A achieved
Certifier

ADAPTABLE HOUSE CLASSIFICATION

only. Storage, distribution or use on network prohibited.

Licensed to dany khoury on 27 Dec 2006. 1 user personal user lic

COPYRIGHT