

ruction	Additional insulation required (R-value)	Other specifications
nded floor with enclosed subfloor: d (R0.7).	R0.60 (down) (or R1.30 including construction)	
al wall: framed (weatherboard, fibro, clad)	R1.30 (or R1.70 including construction)	

Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56%) ose	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	minpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			









Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are 1	Yes	% of landscape open space (60%	56%) o Se	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	mimpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			

DATE. **4-3-2021**



Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56%) o Se	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	minpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			





Denotes New Timber Framed Wall **Denotes Existing Wall**

Denotes Demolished Item

Wall Legend

ater tank of at least 781 litres on the site. This rainwater tank must meet, and be installed in accordance

- The applicant must configure the rainwater tank to collect rainwater runoff from at least 61.46 square metres of roof area
- The applicant must connect the rainwater tank to a tap located within 10 metres of the edge of the pool

The applicant must install the following heating system for the swimming pool that is part of this development: electric heat pum

TR*S4-D0,364 TR*\$4-DD.3H Accordance With Basix Certificate 5.13 тоW 96 NS NS -3.42 찎 New Min. 1200 Glass Pool Safety WALL -New 15kL Pool To Manufacturers Details B + NS 3.33 NS 3.52 /EG 6.19 +

Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56%056	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	mimpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing		1	





Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56% ose	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	minpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			





Wall Legend



Denotes New Timber Framed Wall **Denotes Existing Wall** Denotes Demolished Item

The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minute or minimum 3 star water ratio

The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specifies is not required for parts of altered construction where insulation already exists.

	Additional insulation required (R-value)	Other specifications
or with enclosed subfloor:	R0.60 (down) (or R1.30 including construction)	
amed (weatherboard, fibro,	R1.30 (or R1.70 including construction)	



+9.420 4 FCL

Beam Over To Engineering Details New Flooring On Existing Frame To Match Existing Adjacent FFL Demolish Items Shown Red Dashed +6.720 **3 FIRST FLOOR** New Min. 1200 Glass Pool Safety Barrier To BCA & Aust. Stds. New Timber Deck To BCA & AS1684 +3,770 2 GROUND FLOOR New Timber Stairs & Handrail To BCA & Aust. Stds. New 15kL Pool To Manufacturers Details

Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56% ose	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	mimpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			

Line Of Natural Ground Level







Demolish Items	Donid		
Shown Red Dashed	Building Design and Archit	Sectural Drafting	5
New Min. 1200 Glass Pool Safety	Rapid Plans	-	
Barrier To BCA & Aust. Stds. +6.720	www.rajdplans.com PO Box 5133 Frenchs Forest Fax : (02) 9905-8865 Mobile: Email : gregg⊜rapidplans.com	Lau DC NSW 2086 0414-945-024 au	
3 FIRST FLOOR	© Copyright Rapic	l Plans 2	2020
New Min. 1600mm High			
Vertical Aluminium Fence	ÐQQ	Į	
New Timber Deck	BUILDING DES ASSOCIATION OF A		
To BCA & AS1684	मा मा		
+3,770	DØC	10	
2 GROUND FLOOR	ACCRED BUILDING DE		
New Timber Post	Rapid Plans reserves all rights to this drawing, property of Rapid Plans and may not be copied	this drawing remai I without written co	ns the nsent, all
	content including intellectual, remain the prope this drawing will be returned to Rapid Plans up The builder shall check and verify all dimension	rty of Rapid Plans, on request. ns and verify all err	all copies of ors and
New 15kL Pool To Manufacturers Details	omissions to the Designer. Do not scale the dra used for construction purposes until issued by NOTES 1059 Demonstruction Board, Delm Boards in a		
	1058 Barrenjoey Road, Palm Beach is a Living 1058 Barrenjoey Road, Palm Beach is r Item	not considered a	i heritage
	All Plans to be read in conjunction with Bi New Works to be constructed shown in Construction Framed Floors, Framed Walls	six Certificate Shaded/Blue	
	Refer to Engineers drawings for structur All work to Engineers Specification and Timber framing to BCA and AS 1684 Tormite Management to RCA and AS 36	ral details BCA	
	Construction Framed Floors, Framed Walls Insulation to External Framed Walls R1. Refer to Engineers Specification and All work to Engineers Specification and Termite Management to BCA and AS 38 Glazing to BCA and AS/1288-2047 Walterroofing to BCA and AS 3740 New Lighting to have minimum of 40%, All workmanship and materials shall be requirements of Building Codes of Aust Centritiving	compact fluores	cent lamps
	requirements of Building Codes of Austr Certifying The DA Application Only plans are for DA App	alia.	only. These
	Certifying The DAApplication Only plans are for DAApp plans are not to be used for the construction certifying Authority without the written permis supply of authorised Construction Certificate Basix	certificate applicat sion of Rapid Plar drawings by Rapid	ion by any ns or the d Plans
s on the site. This rainwater tank must meet, and be installed in accordance	Basix Certificate Number A408854	Basix Certificate r altered constru	ction (floor
water runoff from at least 61.46 square metres of roof area.	The applicant must construct the new of o (s), walls, and ceilings/roots) in accorda listed in the table befow, except that a) a required where the area of new constru insulation specified is not required for pr where insulation already exists. The applicant must install the windows, gl durince in accordance with the prooficed	additional insula ction is less thar arts of altered co	tion is not 1 2m2, b) onstruction
d within 10 metres of the edge of the pool.	Relevant overshadowing specifications m	ust be satisfied fr	or each
	For projections described in millimetres, eave, pergola, verandah, balcony or aw than 500 mm above the head of the win no more than 2400 mm above the sil. Overshadowing buildings or vegetation m distance from the centre and the base of t	the leading edg ning must be no dow or glazed d	e of each more loor and
kilolitres.	distance from the centre and the base of t		lazed door,
g pool.	Site Area	821.2m2	
e swimming pool that is part of this development: electric heat pump.	Housing Density (dwelling/m2)		Yes
	Max Ceiling Ht Above Nat. GL		Yes
	Max Bldg Ht Above Nat. GL Front Setback (Min.)	8.5m Est.	Yes Exist.
northern	Rear Setback (Min.)	6.5m	Yes
beaches council	Min. side bdy setback (Min.)		Exist.
	· ·	3.5m@4 5Deg	Ex.
THIS PLAN IS TO BE READ IN	% of landscape open space	56%	Exist.
CONJUNCTION WITH	(60% min) Impervious area (m2)		Exist.
TE CONDITIONS OF DEVELOPMENT CONSENT	Maximum cut into gnd (m)	868mm	Yes
CONSENT	Maximum depth of fill (m)	N/A	Yes
DA2021/0378			
	No. of car spaces provided	2	Yes
	No. of car spaces provided Builder to Check an Measurements	d Confirn	
	Builder to Check an Measurements Commencement of	d Confirn Prior to any wor	n all ks.
	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pl	d Confirn Prior to any wor y Discrep	n all ks.
	Builder to Check an Measurements Commencement of Immediately Report an	d Confirn Prior to any wor y Discrep	n all ks.
	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pl	d Confirn Prior to any wor y Discrep	n all ks.
	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pl Project North N Drawn Checked GBJ Project No. SP1200AR	d Confirn Prior to any wor y Discrep	n all ks.
	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pl Project North N Drawn Checked GBJ	d Confirm Prior to any wor y Discrep ans	n all ks.
	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pl Project North N Drawn Checked GBJ Pkt Date: 3/5/21 Project No. RP1120DAR Project Status DA Rev2 Client Hilary and Stephe Site: 1058 Barrenjoey	d Confirm Prior to f any worl y Discrep ans ans	n all ks. ancies
These plans are for DA Applic	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Drawn Checked GBJ Project North N Project North N Project Status DA Rev2 Client Hilary and Stephe Stee: 1058 Barenjoey I Steen	d Confirm Prior to any worl y Discrep ans en Darke Road, Paln	n all ks. ancies
only. These plans are not to b	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Drawn (Checked GBJ Project State 3/5/21 Project State DA Rev2 Client Hilary and Stephe State: 1058 Barrenjoey I Beach	d Confirm Prior to i any worl y Discrep ans en Darke Road, Paln	n all ks. ancies
only. These plans are not to b construction certificate appli	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Project North N Drawn Checked GBJ Project North N Project N Proje	d Confirm Prior to i any worl y Discrep ans en Darke Road, Paln	n all ks. ancies
only. These plans are not to b	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Drawn (Checked GBJ Project Name 2000 Drawn (Checked GBJ Project Name 2000 Drawn (Checked GBJ Project Name 2000 Client Hilary and Stephe State: 1058 Barrenjoey I Beach DRAWING TITLE : SECTION SECTION	en Darke Road, Paln POOL	n all ks. ancies
only. These plans are not to b construction certificate applie the written permission of Rap	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Drawn Checked (BJ Project Nake 35/21 Project Nake 35/21 Project Nake 25/21 Project Nake 1058 Barrenjoey I Beach DRAWING TITLE : SECTION	en Darke Road, Paln POOL	n all ks. ancies
only. These plans are not to b construction certificate applie the written permission of Rap DA APPLICATION	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Drawn (Checked GBJ Project North N Project State 3/5/21 Project North N Drawn (Checked GBJ Project North N Project State 3/5/21 Drawn Checked GBJ Project North N Ster 1058 Barrenjoey Brawings TITLE : Section SECTION PROJECT NAME : Alteration Addition Revision No. Date 1 4-3-2	en Darke Road, Paln POOL	n all ks. ancies
only. These plans are not to b construction certificate applie the written permission of Rap <u>DA APPLICATION</u> <u>ONLY</u>	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Drawn Checked GBJ Project State: 35/21 Project North OR Rev Drawn Checked GBJ Project State: 35/21 Project North OR Rev Drawn Checked GBJ Project North OR Rev Client Hilary and Stephe State: 1058 Barrenjoey I Beach DRAWING TITLE : Section SECTION PROJECT NAME : Alteratio Acduitic Revision No. Date	en Darke Road, Paln POOL	n all ks. ancies
only. These plans are not to b construction certificate applie the written permission of Rap DA APPLICATION	Builder to Check an Measurements Commencement of Immediately Report an to Rapid Pi Project North N Drawn (Checked GBJ Project North N Project North N Project North N Project North N Project North N Ster 1058 Barrenjoey Brawning TITLE : Section PROJECT NAME : Alteration Addition Revision No. Date 1 4-3-2	en Darke Road, Paln POOL	ks. aancies



Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56%) ose	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	minpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			



The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below Relevant overshadowing specifications must be satisfied for each window and glazed door.

The following requirements must also be satisfied in relation to each window and glazed door

Each window or glazed door with improved frames, or pyrolytic low-e glass, or clear/air gap/clear glazing, or toned/air gap/clear glazing must have a U-value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions. The description is provided for information only. Alternative systems with complying U-value and SHGC may be substituted.

For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500 mn above the head of the window or glazed door and no more than 2400 mm above the sill.

Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35

Pergolas with fixed battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must not be more than 50 mm.

ientation	Area of	Oversha	adowing	Shading device	Frame and glass type		
	glass inc. frame (m2)	Height (m)	Distance (m)				
	0.6	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single clear, (U-value 6.44, SHGC: 0.75)		
	2.16	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single clear, (U-value 6.44, SHGC: 0.75)		
	5.1	0	0	eave/verandah/pergola/balcony >=750 mm	improved aluminium, single clear, (U-value 6.44, SHGC: 0.75)		
	6.3	0	0	eave/verandah/pergola/balcony >=750 mm	improved aluminium, single clear, (U-value 6.44, SHGC: 0.75)		
	13.65	0	0	eave/verandah/pergola/balcony >=450 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)		
	6.3	0	0	eave/verandah/pergola/balcony	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)		



THIS PLAN IS TO BE READ IN **CONJUNCTION WITH** THE CONDITIONS OF DEVELOPMENT CONSENT

DA2021/0378

New Min. 781L Rain Tank To Basix Requirements

Denotes New Works

Wall Legend

Denotes New Timber Framed Wall Denotes Existing Item Denotes Demolished Item

REVISION NO.

DATE. **4-3-2021**

DA4001

1

Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56%)056	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	minpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			



Alterations & Additions



azed doors g	lazing	requirements
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entation	Area of	Overshadowing		Shading device	Frame and glass type	
	glass inc. frame (m2)	Height (m)	Distance (m)			
	0.6	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)	
	2.16	0	0	eave/verandah/pergola/balcony >=600 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)	
	5.1	0	0	eave/verandah/pergola/balcony >=750 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)	
	6.3	0	0	eave/verandah/pergola/balcony >=750 mm	improved aluminium, single clear, (U-value: 6.44, SHGC: 0.75)	
	13.65	0	0	eave/verandah/pergola/balcony >=450 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)	
	6.3	0	0	eave/verandah/pergola/balcony >=450 mm	improved aluminium, single pyrolytic low-e, (U-value: 4.48, SHGC: 0.46)	

Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56%) o Se	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	mimpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			



Denotes Cladding (Typical). Builder To Confirm Type & Colour



Denotes Glass Pool Fence (Typical). Builder To Confirm Type & Colour



Denotes Awning Over Window (Typical). Builder To Confirm Type & Colour





Denotes Timber Deck (Typical). Builder To Confirm Type & Colour



Denotes Aluminium Pool Fence (Typical). Builder To Confirm Type & Colour



Site Information	Prop.	Comp.	Site Information	Prop.	Comp.
Site Area	821.2m2	Yes	Building envelope	3.5m@45Deg	Existing
Housing Density (dwelling/m2)	are f	Yes	% of landscape open space (60%	56%) o Se	Existing
Max Ceiling Ht Above Nat. GL	N/A	Yes	mimpervious area (m2)	43%	Existing
Max Bldg Ht Above Nat. GL	8.5m	Yes	Maximum cut into gnd (m)	868mm	Yes
Front Setback (Min.)	Est.	Existing	Maximum depth of fill (m)	N/A	Yes
Rear Setback (Min.)	6.5m	Yes	No. of car spaces provided	2	Yes
Min. side bdy setback (Min.)	1.0m, 2.5m	Existing			

SHADOW PLANS SAMPLE BOARD **Alterations & Additions**

