# PROPOSED ALTERATION AND ADDITION TO EXISTING DWELLING AND CONSTRUCTION OF A SECOND DWELLING @ 23 ROBERT HODDLE GROVE BOMBIRA.



Sheet List							
Sheet Number	Sheet Name	Sheet Name Drawn By			Current Revision		
23RH00	Sheet list	Chris Davey	CJD				
23RH01	Site Plan	Chris Davey	CJD				
23RH02	Proposed addition floor plan	Chris Davey	CJD				
23RH03	Addition floor plan	Chris Davey	CJD				
23RH04	North/south elevation main home	Chris Davey	CJD				
23RH05	East/West main home elevation	Chris Davey	CJD				
23RH06	Addition sectional	Chris Davey	CJD				
23RH07	Addition Basix/specification	Chris Davey	CJD				
23RH08	Door/Window schedule addition	Chris Davey	CJD				
23RH09	Floor plan proposed 2nd dwelling	Chris Davey	CJD				
23RH10	Elevations second dwelling	Chris Davey	CJD				
23RH11	Second dwelling sectional	Chris Davey	CJD				
23RH12	2nd dwelling BASIX/specification	Chris Davey	CJD				
23RH13	Door/window schedule 2nd dwg	Chris Davey	CJD				

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Christopher Davey Drafting for the residential housing industry

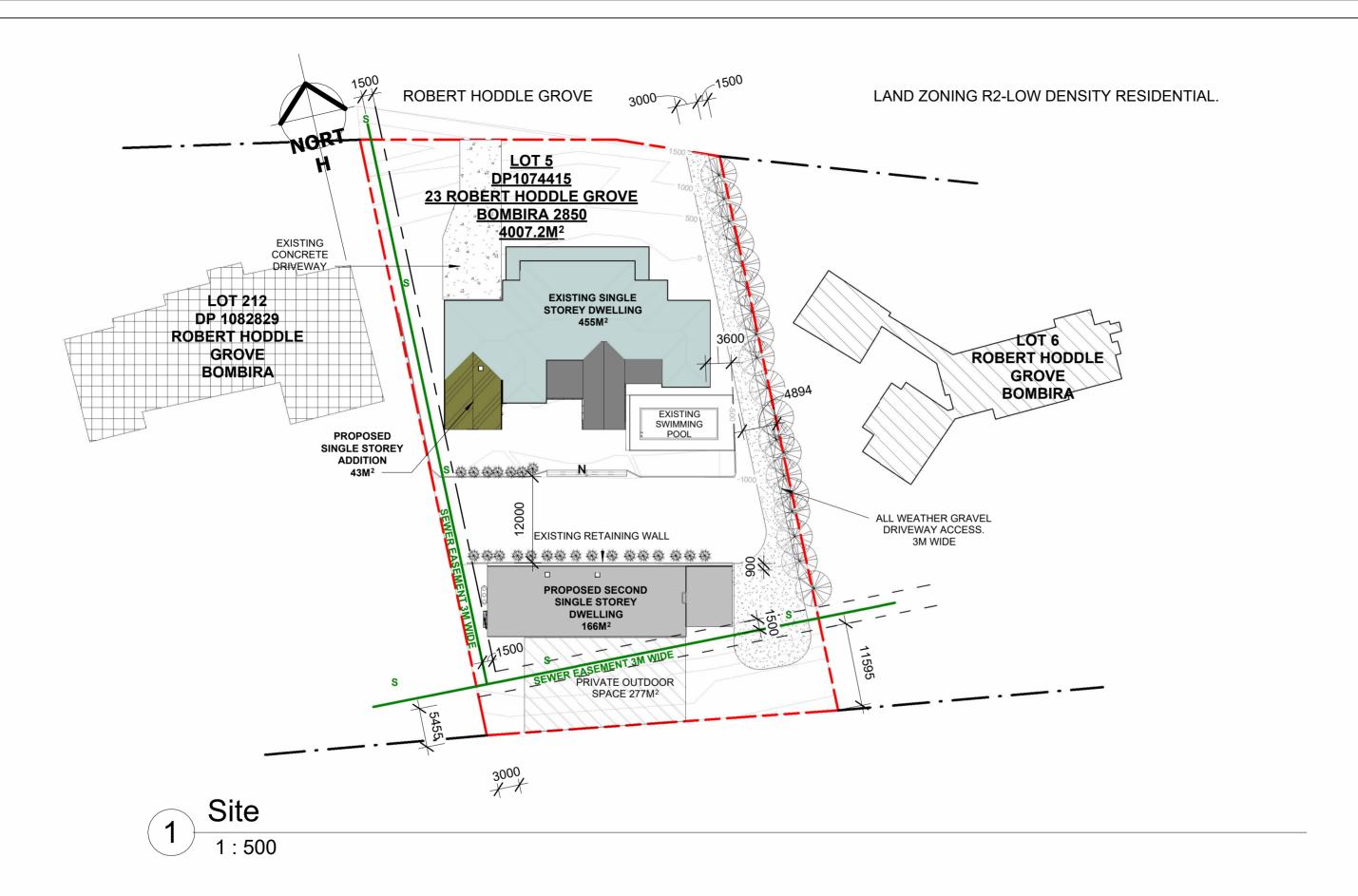
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	Description	Date

Greg & Anita BURKE 23 Robert Hoddle Grove, Bombira, 2850

Proposed addition to existing dwelling and a second dwelling

Sheet	list
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Project number	Project Number		
Date	14 December 2022		23RH00
Drawn by	Chris Davey		
Checked by	CJD	Scale	





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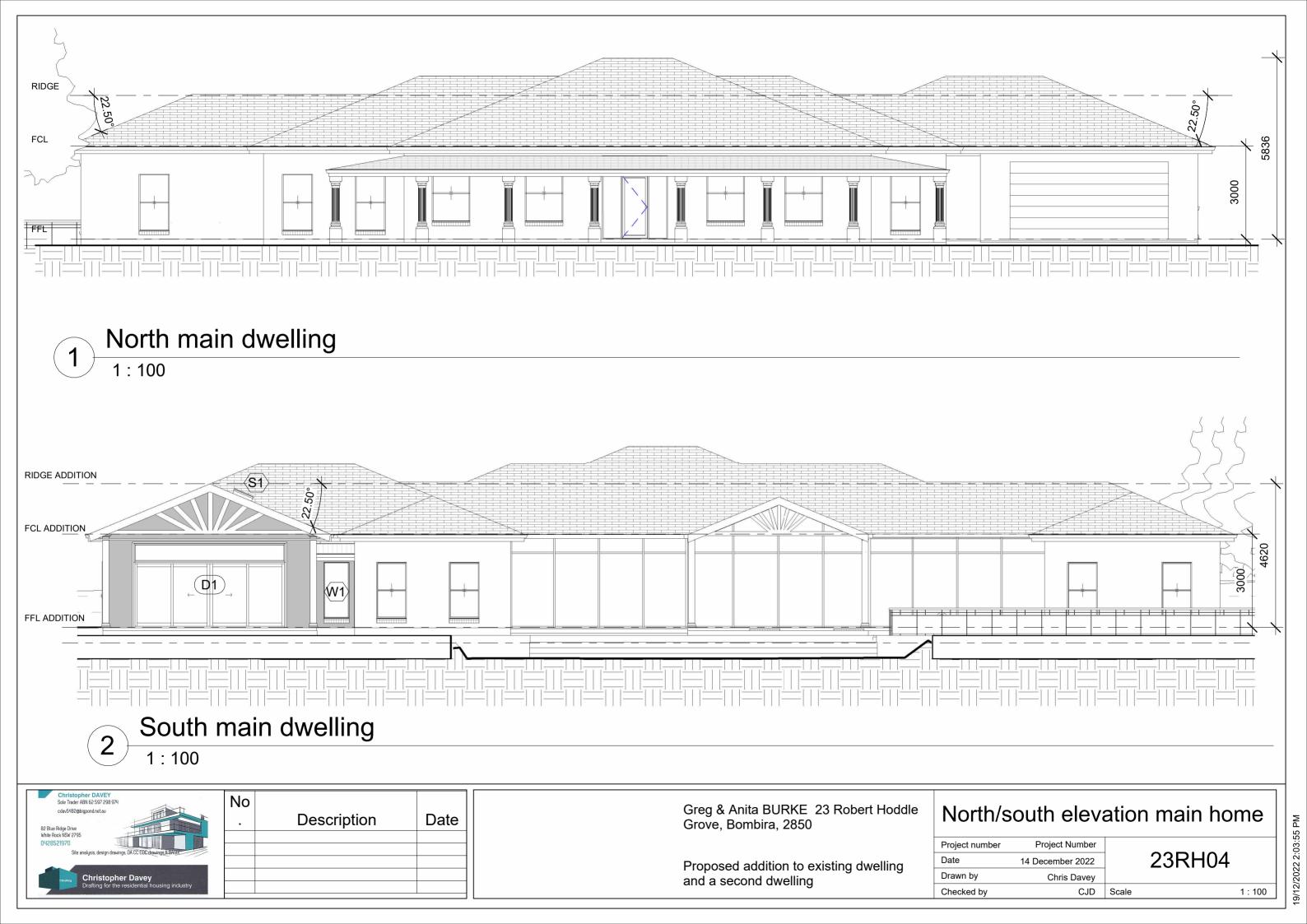
Proposed addition to existing dwelling and a second dwelling

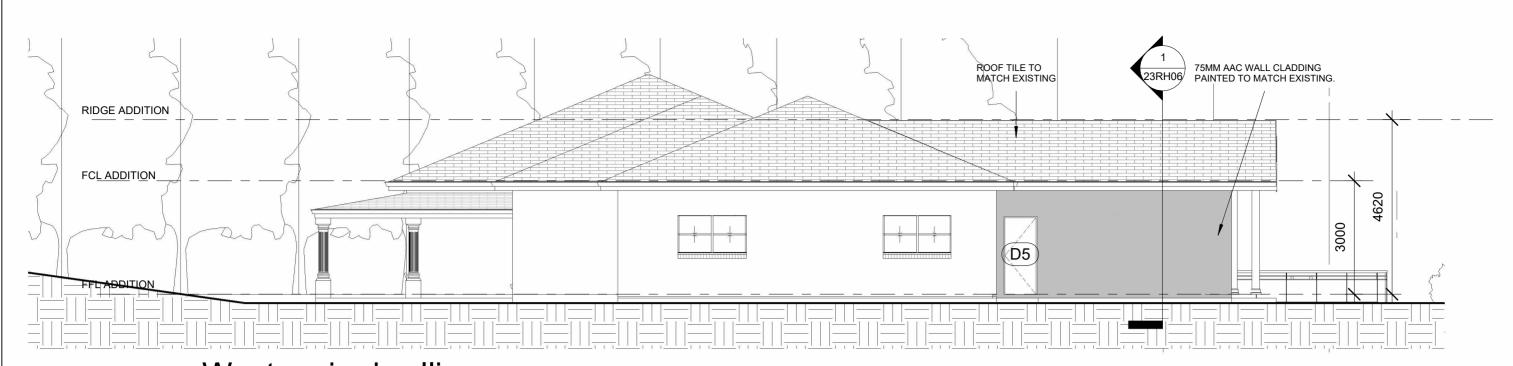
<del>)</del>	Site Pla	an	
	Project number	Project Number	
	Date	14 December 2022	23RH01
	Drawn by	Chris Davey	_

CJD Scale

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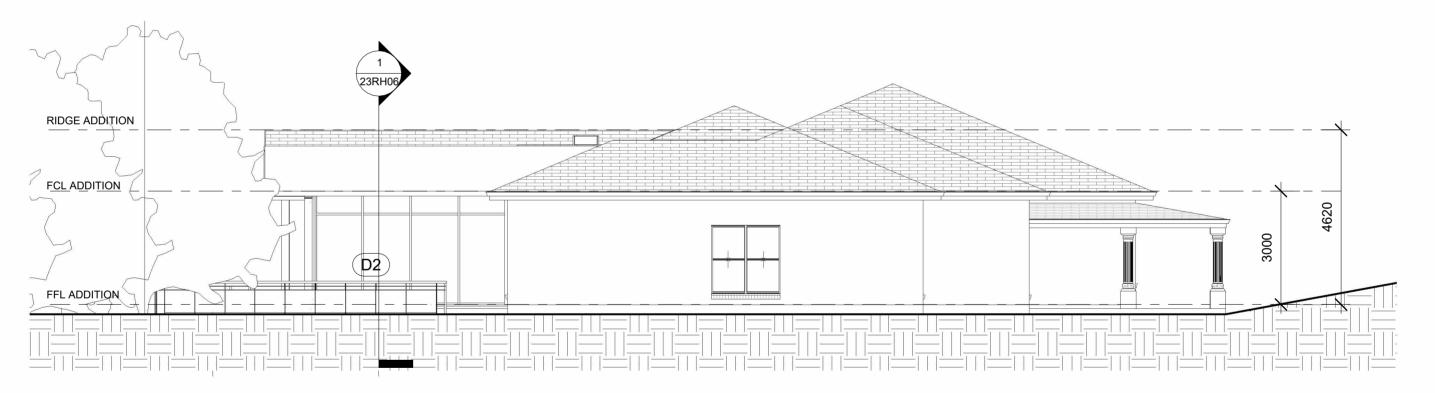
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West main dwelling

1:100



# East main dwelling

1:100

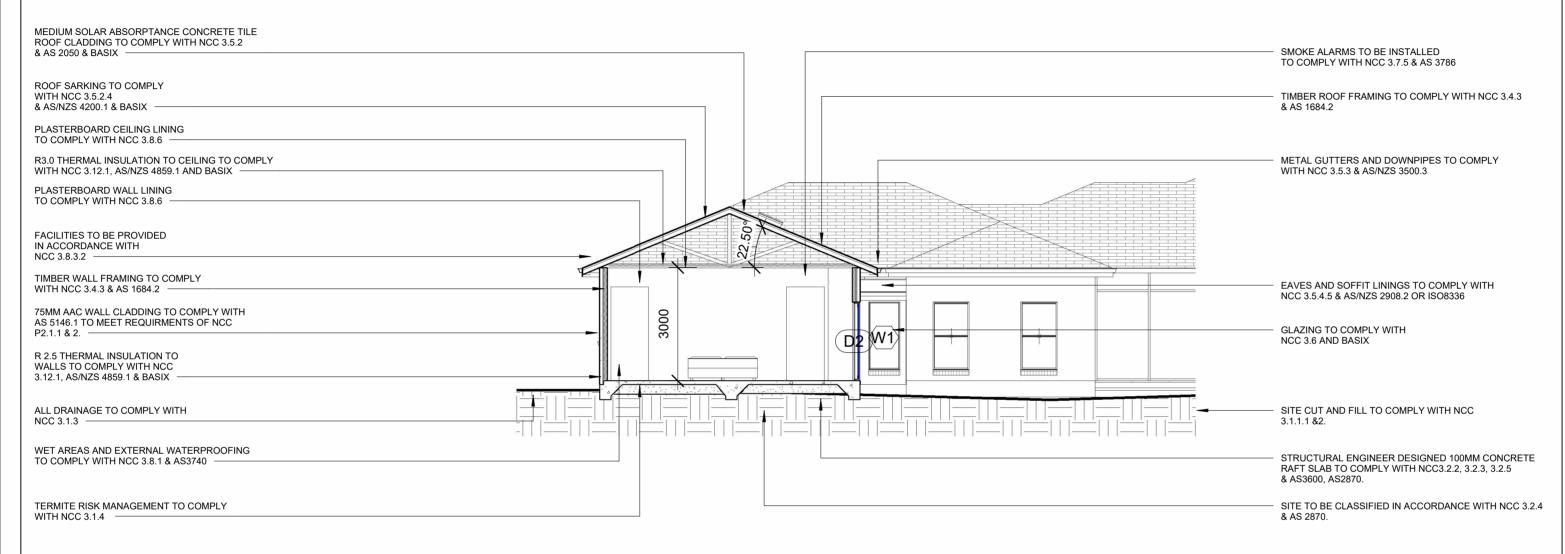
Christopher DAVEY Sole Trader ABN 62 597 298 974 cday6482@blopond.net.au	No		
82 Blue Ridge Drive	.	Description	Date
White Rock NSW 2795 0428521970 Site analysis, design drawings, DA CC CEC drawings, BASTR			
Christopher Davey Drafting for the residential housing industry			

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Proposed addition to existing dwelling and a second dwelling

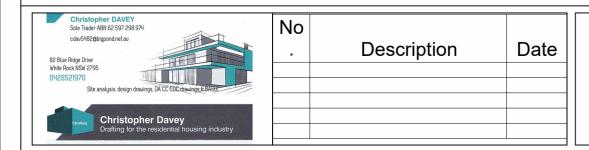
# East/West main home elevation

Project number	Project Number			
Date	14 December 2022	23RH05		
Drawn by	Chris Davey			
Checked by	CJD	Scale	1 : 100	





1:100



Greg & Anita BURKE 23 Robert Hoddle Grove, Bombira, 2850

Proposed addition to existing dwelling and a second dwelling

Addition sectional							
Project number	Project Number						
Date 14 December 2022			23RH06				
Drawn by	Chris Davey						
Checked by	CJD	Scale	1 : 100				

# WATER COMMITMENTS. FIXTURES & SYSTEMS.

LIGHTING.

The applicant must ensure 40% of new or altered light fixtures are flourescent, compact flourescent or LED lamps.

#### FIXTURES.

Showerheads. All showerheads minimum 3 star (>7.5 but <=9L/min) All toilet flushing systems have a flow rate no greater than 4litres per flush or a minimum of 3 star

All new or altered taps have a flow rate no greater than 9 L per minute or a minimum 3 star rating.

# CONSTRUCTION.

Insulation requirements.

#### Floor walls and ceiling/roof.

Floor. Concrete slab on ground. Nil additional insulation.

External wall. AAC veneer autoclaved aerated concrete
(AAC) (AAC:75mm). R0.89 (or 1.70 including construction)
Internal wall shared with garage. 75mm AAC panel R0.49 Nil additional insulation.
Ceiling and roof. Flat ceiling/pitched roof. Ceiling: R3.0 up. Roof. foil/sarking.
Other. Roof unventilated, medium solar absorptance 0.475 -0.70.
Insulation to be installed in accordance with NCC 3.12.1.1.

# Windows, glazed doors and skylights.

Windows glazed doors and shading devices must be installed as described in the **Sheet named Door/Window schedule No 23RH08.** and comply with the specifications listed in same.

# **GENERAL SPECIFICATION.**

# SITE PREPARATION.

All earthworks are to be carried out to comply with NCC3.1.1.

Any earth retaining structures are to comply with NCC 3.1.2.

Drainage is to comply with NCC 3.1.3. & AS/NZS 3500.3

Termite risk management is to comply with NCC 3.1.4

# **FOOTINGS AND SLABS.**

The footing and slab is to comply with NCC 3.2 and AS2870.

Preparation is to comply with NCC 3.2.2.

# CONCRETE AND REINFORCING.

Concrete must comply with NCC 3.2.3.1 and AS3600.

Steel reinforcement must comply with NCC 3.2.3.2 and AS 2870.

# SITE CLASSIFICATION.

The site classification is to be conducted in compliance with NCC 3.2.4.1 and AS 2870.

#### FOOTING AND SLAB CONSTRUCTION.

Footing and slab construction is to comply with NCC3.2.5.1 and AS 2870.

# FRAMING.

Timber framing is to comply with NCC 3.4.3 and AS1684.2

# **ROOF AND WALL CLADDING.**

Autoclaved aerated concreted wall cladding to comply with NCC 3.5 and AS5146.1

Roof tiling is to comply with NCC 3.5.2 and AS 2050. (Medium Solar absorptance 0.425 - 0.70 to comply with BASIX)

Sarking to be installed to comply with NCC 3.5.2.4, AS/NZS 4200.1 and BASIX.

Gutters and downpipes are to comply with NCC 3.5.3, AS/NZS 2179.1 3.12.3.3. for metal or AS1273 for UPVC.

Fibre cement sheet eaves to be installed in compliance with NCC 3.5.4.5 and AS/NZS 2908.2 or ISO 8336

# GLAZING.

Glazing is to comply with NCC 3.6 and AS 2047, AS 1288.

# FIRE SAFETY.

Fire safety is to comply with NCC 3.7.

Smoke alarms to be installed in compliance with NCC 3.7.5.3, 3.7.5.5 and AS 3786.

# HEALTH AND AMENITY.

Wet areas are to comply with NCC 3.8.1.2 and AS3740.

External above ground membranes are to comply with NCC 3.8.1., AS 4654.1 and AS 4654.2.

Facilities are to be provided in compliance with NCC 3.8.3.2.

Construction of Sanitary compartments is to comply with NCC 3.8.3.3

Natural light must be provided to all habitable rooms in compliance with NCC 3.8.4.2.

Artificial lighting must be provided in sanitary compartments, bathrooms, ensuites and laundries if natural light is not available to comply with NCC 3.6.4.3 and AS/NZS 1680.0.

Ventilation must be provided to habitable rooms, sanitary compartments, bathrooms, laundry or any other room occupied by a person in compliance with NCC 3.8.5.2.

Walls must be constructed so as to provide sound insulation in compliance with NCC 3.8.6.2 and 3.8.6.4.

# **ENERGY EFFICIENCY.**

Building fabric thermal insulation must comply with NCC 3.12.1.1 and AS/NZS 4859.1

# Building fabric for.

- \* The roof must be compliant with NCC 3.12.1.2 and BASIX.
- \* External walls must comply with NCC 3.12.1.4 and BASIX.
- \* The attached garage must comply with NCC 3.2.1.6 and BASIX.

External glazing must comply with NCC 3.12.2.1 and BASIX.

Roof lights must be sealed in accordance with NCC 3.12.3.2.

External windows and doors must be sealed in compliance with NCC 3.12.3.3.

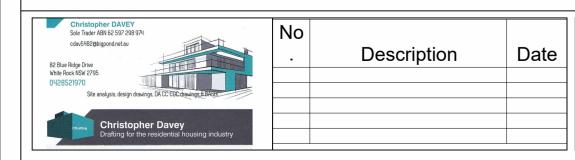
Ceilings walls and floors must be constructed to comply with NCC 3.12.3.5.

Air movement to the dwelling must comply with NCC 3.12.4.1.

Services must be insulated in accordance with NCC 3.12.5.1 and AS/NZS 4859.1.

Heating and cooling ductwork must meet the requirements of NCC 3.12.5.3.

Artificial lighting must comply with NCC 3.12.5.5 and BASIX.



Greg & Anita BURKE 23 Robert Hoddle Grove, Bombira, 2850

Proposed addition to existing dwelling and a second dwelling

# Addition Basix/specification

Project number	Project Number			
Date	14 December 2022		23RH07	
Drawn by	Chris Davey			
Checked by	CJD	Scale		

Addition floor plan: 7

Grand total: 7

Window Schedule addition							
Level	Mark	Location	Window Style	Width	Height	Material	Comments
Addition floor plan	W1	South proposed bedroom	Fixed	820	1800	Std aluminium	1.47m2 Clear/air gap/clear U value 5.34 SHGC 0.67 Overshadowed 3mH 1mD Shading eave >45mm
Addition floor plan	S1	Ensuite	Manual venting skylight	689	689	Timber	0.47m2 Clear/air gap/air fill U value 4.3 SHGC 0.5. No shading device.

Christopher DAVEY Sole Trader ABN 62 597 298 974	No		
cdav5482@bigpond.net.au 82 Blue Ridge Drive		Description	Date
White Rook NSW 2795 0428521970 Site analysis, design drawings, DA CC EDIC strawings, B.RASIX			
Christopher Davey			
Drafting for the residential housing industry			

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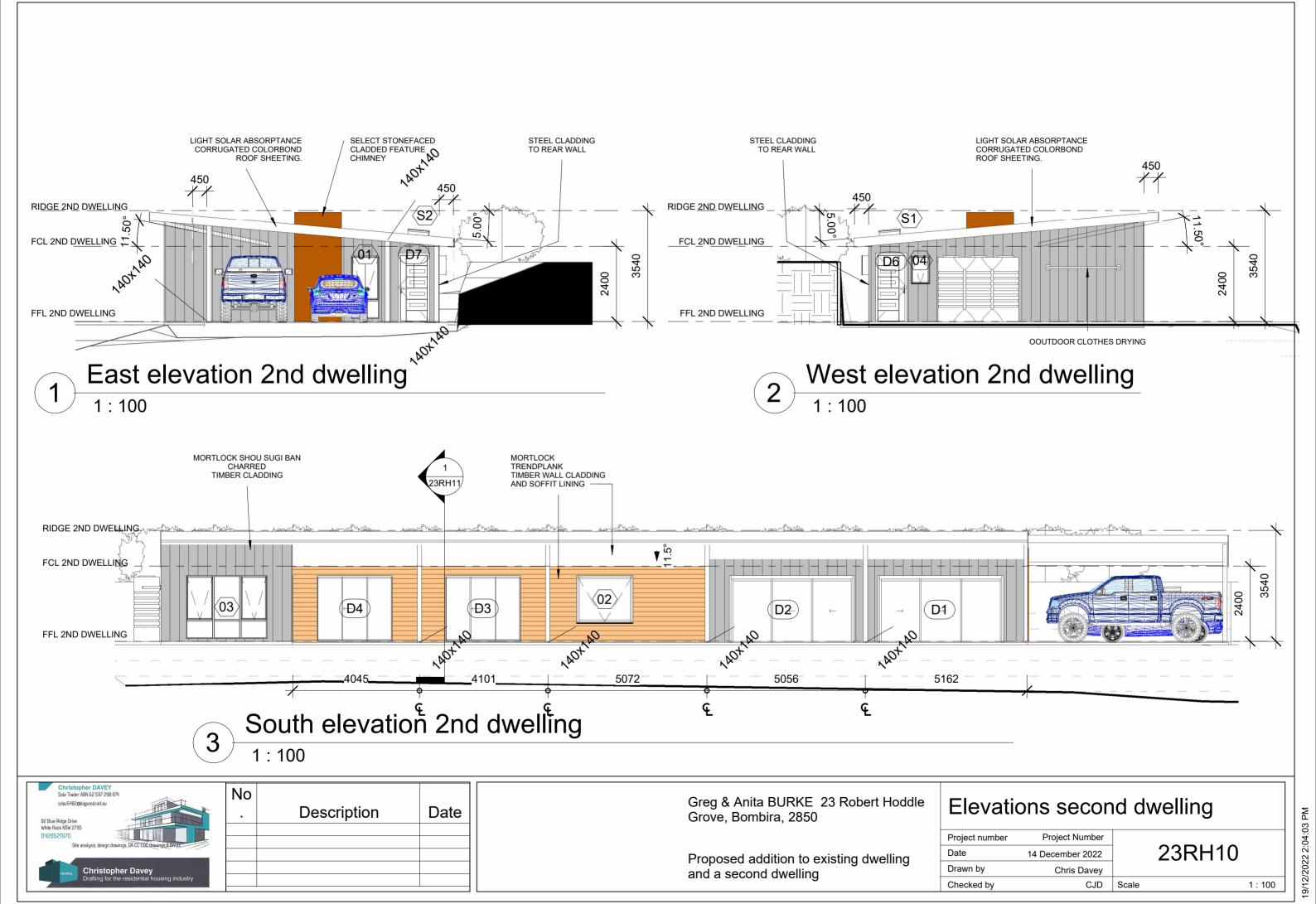
Proposed addition to existing dwelling and a second dwelling

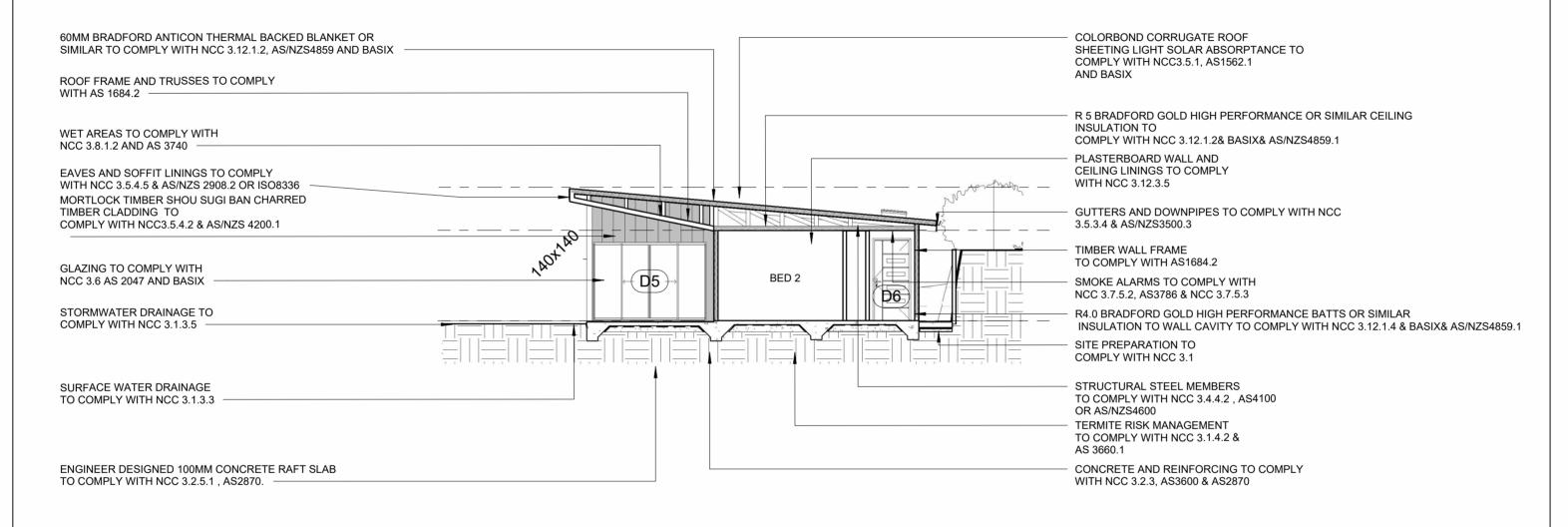
# Door/Window schedule addition

Project number	Project Number	
Date	14 December 2022	
Drawn by	Chris Davey	
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Christopher DAVEY Sole Trader ABN 62:597:298 974 cdev/5482@bigpond.net.au  82 Blue Ridge Drive	No	Description	Date
White Rock NSW 2795 0428521970 Site analysis, design drawings, DA CC CBC drawings & BASIX			
Christopher Davey Drafting for the residential housing industry			

Greg & Anita BURKE 23 Robert Hoddle Grove, Bombira, 2850

Proposed addition to existing dwelling and a second dwelling

# Second dwelling sectional

Project number	Project Number			
Date	14 December 2022		23RH11	
Drawn by	Chris Davey			
Checked by	CJD	Scale		1:100

#### WATER COMMITMENTS.

#### FIXTURES

Showerheads. All showerheads minimum 3 star (>7.5 but <=9L/min)

All toilet flushing systems minimum of 3 star.

All taps in kitchen have a minimum 3 star rating.

All basin taps in bathrooms have a minimum 3 star rating.

#### ALTERNATIVE WATER.

#### Rainwater tank.

Install rainwater tank with at least 3000 litres capacity. It must

meet and be installed in accordance with the requirements of

all applicable regulatory authorities.

Must be configured to collect rain runoff from at least 364 square

metres of the roof.

The tanks must be connected to all toilets and the cold water

tap for each clothes washer in the dwelling.

#### THERMAL COMFORT.

#### General features.

Dwelling not have more than two storevs.

Conditioned floor area not to exceed 300 square metres.

Not contain a mezzanine area over 25 square metres.

Not contain a third level habitable attic room.

#### Floor walls and ceiling/roof.

Floor. Concrete slab on ground. No additional insulation required.

External wall. framed (weatherboard/fibre cement /metal clad) Additional insulation. R 3.2 or 3.6 including construction. Ceiling and roof- flat ceiling flat roof =5 deg pitch. Ceiling R5.0 up roof foil backed blanket 55mm. Framed light solar absorptance <.475.

Insulation to be installed in accordance with NCC 3.12.1.1.

#### Windows, glazed doors and skylights.

Windows glazed doors and shading devices must be installed as described in the

Sheet named Window/Door schedule No 23RH13. and comply

with the specifications listed in same.

#### ENERGY.

#### Hot water.

Install a gas instantaneous hot water system.

# Heating/Cooling system.

Cooling system. Install a single phase airconditioning heating system

to at least 1 living area and 1 bedroom. Energy rating 4 star (cold zone)

Heating system. Install a single phase air conditioner to at least 1 living area and 1 bedroom of the dwelling. It is to have an energy rating 4 star (cold zone).

# Ventilation.

Provide natural ventilation to the bathrooms and kitchen.

Laundry fan ducted to the ceiling. Operation control manual on off.

#### Artificial lighting.

Lighting is to be light emitting diode (LED) in all 3 bedrooms/study

1 living/dining rooms, kitchen, all bathrooms, toilets, laundry and hallways.

# Natural lighting.

A window /skylight must be installed in the Kitchen

A window/skylight must be installed in the 2 bathrooms.

#### Other

Install a gas cooktop and electric oven in the kitchen.

Provide ventilation for the refrigerator as defined in the BASIX.

Install a fixed outdoor clothes drying line.

# GENERAL SPECIFICATION.

# SITE PREPARATION.

All earthworks are to be carried out to comply with NCC3.1.1.

Any earth retaining structures are to comply with NCC 3.1.2.

Drainage is to comply with NCC 3.1.3. & AS/NZS 3500.3

Termite risk management is to comply with NCC 3.1.4

#### FOOTINGS AND SLABS.

The footings are to comply with NCC 3.2 and AS2870.

Preparation is to comply with NCC 3.2.2.

# CONCRETE AND REINFORCING.

Concrete must comply with NCC 3.2.3.1 and AS3600.

Steel reinforcement must comply with NCC 3.2.3.2 and AS 2870.

# SITE CLASSIFICATION.

The site classification is to be conducted in compliance with NCC 3.2.4.1 and AS 2870.

# FOOTING AND SLAB CONSTRUCTION.

Footing and slab construction is to comply with NCC3.2.5.1 and AS 2870.

#### FRAMING.

Timber framing is to comply with NCC 3.4.3 and AS1684.2

Structural steel members are to comply with NCC 3.4.4 & AS4100 or AS/NZS 4600

# **ROOF AND WALL CLADDING.**

Sheet roofing is to comply with NCC 3.5.1 and AS 1562.1. (Light Solar absorptance <0.475 to comply with BASIX)

Gutters and downpipes are to comply with NCC 3.5.3, AS/NZS 2179.1 for metal or AS1273 for UPVC.

Fibre cement sheet wall cladding must comply with NCC 3.5.4.4 & AS/NZS 2908.2 or ISO 8336.

Fibre cement sheet eaves to be installed in compliance with NCC 3.5.4.5 and AS/NZS 2908.2 or ISO 8336

Metal wall cladding to comply with NCC 3.5.5 and AS1562.1

Mortlock Timber "SHOU SUGI BAN" charred timber wall cladding to to comply with NCC 3.5.4.2 & AS/NZS 4200.1

# GLAZING.

Glazing is to comply with NCC 3.6 and AS 2047, AS 1288.

#### FIRE SAFETY.

Install smoke alarms in compliance with NCC 3.7.5.3. and 5 & AS3786

# **HEALTH AND AMENITY.**

Wet areas to comply with NCC 3.8.1.2 and AS 3740.

Natural light must be provided to all habitable rooms in compliance with NCC 3.8.4.2.

Ventilation must be provided to habitable rooms, sanitary compartments, bathrooms, laundry or any other room occupied by a person in compliance with NCC 3.8.5.2.

Walls must be constructed so as to provide sound insulation in compliance with NCC 3.8.6.2 and 3.8.6.4.

# SAFE MOVEMENT AND ACCESS.

Stairway construction is to comply with NCC 3.9.1. & AS/NZS 1170.1

Landings must comply with NCC 3.9.1.5

Install barriers and handrails to comply with NCC 3.9.2

Protection of openable windows must be provided to comply with NCC 3.9.2.6 and  $7\,$ 

Deck is to comply with NCC 3.10.6.

# **ENERGY EFFICIENCY.**

Building fabric thermal insulation must comply with NCC 3.12.1.1 and AS/NZS 4859.1

Building fabric for.

- \* The roof must be compliant with NCC 3.12.1.2 and BASIX.
- \* External walls must comply with NCC 3.12.1.4 and BASIX.
- \* The attached garage must comply with NCC 3.2.1.6 and BASIX.

External glazing must comply with NCC 3.12.2.1 and BASIX.

External windows and doors must be sealed in compliance with NCC 3.12.3.3.

Ceilings walls and floors must be constructed to comply with NCC 3.12.3.5.

Air movement to the dwelling must comply with NCC 3.12.4.1.

Services must be insulated in accordance with NCC 3.12.5.1 and AS/NZS 4859.1.

Heating and cooling ductwork must meet the requirements of NCC 3.12.5.3.

Artificial lighting must comply with NCC 3.12.5.5 and BASIX.



Greg & Anita BURKE 23 Robert Hoddle Grove, Bombira, 2850

Proposed addition to existing dwelling and a second dwelling

2nd dwellina	BASIX/specification
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Project number	Project Number		
Date	14 December 2022		23RH12
Drawn by	Chris Davey		_
Checked by	CJD	Scale	

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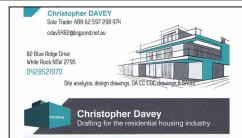
Level	Mark	Location	Height	Width	Finish	Frame Material	Comments			
Second dwelling floor plan	D1	South Living	2100	4000	Powdercoated	Std Aluminium	Aluminium double (air) clear. Eave 2400mm, 300mm above head not overshadowed			
Second dwelling floor plan	D2	South Living	2100	4000	Powdercoated	Std Aluminium	Aluminium double (air) clear. Eave 2400mm, 300mm above head not overshadowed			
Second dwelling floor plan	D3	South Bed 3	2100	2400	Powdercoated	Std Aluminium	Aluminium double (air) clear. Eave 3380mm, 300mm above head not overshadowed			
Second dwelling floor plan	D4	South Bed 2	2100	2400	Powdercoated	Std Aluminium	Aluminium double (air) clear. Eave 3380mm, 300mm above head not overshadowed			
Second dwelling floor plan	D5	East Bed 1	2100	3000	Powdercoated	Std Aluminium	Aluminium double (air) clear. Eave 3380mm, 300mm above head not overshadowed			
Second dwelling floor plan	D6	Hall	2190	1000	Painted	Timber	Select entry door			
Second dwelling floor plan	D7	Kitchen	2190	1000	Painted	Timber	Select entry door			
Second dwelling floor plan	D8	West Living	2100	2400	Powdercoated	Std Aluminium	Aluminium double (air) clear. Eave 5180mm, 300mm above head not overshadowed			
Second dwelling floor plan	D9	Hall	2040	920	Painted	Timber	920 hung door			
Second dwelling floor plan	D10	Laundry cupb	2040	1370	Painted	Timber	2x620 smartrobe			
Second dwelling floor plan	D11	Bathroom	2040	920	Painted	Timber	920 hung door			
Second dwelling floor plan	D12	Bed 3	2040	920	Painted	Timber	920 hung door			
Second dwelling floor plan	D13	Bed 3 robe	2040	1770	Painted	Timber	2x720 smartrobe			
Second dwelling floor plan	D14	Linen	2040	1370	Painted	Timber	2x620 smartrobe			
Second dwelling floor plan	D15	Bed 2 robe	2040	1770	Painted	Timber	2x720 smartrobe			
Second dwelling floor plan	D16	Bed 2	2040	920	Painted	Timber	920 hung door			
Second dwelling floor plan	D17	Main bed	2040	920	Painted	Timber	920 hung door			
Second dwelling floor plan	D18	WIR	2028	956	Painted	Timber	920 barn door			

Second dwelling floor plan: 18

Grand total: 18

Window Schedule 2nd dwelling								
Level	Mark	Location	Window Style	Height	Width	Material	Glazing	Remarks
Second dwelling floor plan	01	Fast Kitchen	Awning	2000	900	Std aluminium	Double air	Solid overhand 6000mm, 300mm above head. Not overhandowed

Second dwelling floor plan	01	East Kitchen	Awning	2000	900	Std aluminium	Double air clear	Solid overhand 6000mm, 300mm above head. Not overhshadowed.
Second dwelling floor plan	02	South bathroom	Awning	1500	1800	Std aluminium	Double air clear	Eave 5180mm, 300mm above head. Not overhshadowed.
Second dwelling floor plan	03	South main bed	Awning	2000	2600	Std aluminium	Double air clear	Eave 450mm, 600mm above head. Not overhshadowed.
Second dwelling floor plan	04	West ensuite	Awning	900	600	Std aluminium	Double air clear	None. Not overshadowed
Second dwelling floor plan	S1	North hall	Manual venting skylight	689	689	Timber	Double air clear	None. Not overshadowed
Second dwelling floor plan	S2	North hall	Manual venting skylight	689	689	Timber	Double air clear	None. Not overshadowed



No		
	Description	Date

Greg & Anita BURKE 23 Robert Hoddle Grove, Bombira, 2850

Proposed addition to existing dwelling and a second dwelling

# Door/window schedule 2nd dwg

Project number	Project Number	
Date	14 December 2022	
Drawn by	Chris Davey	
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