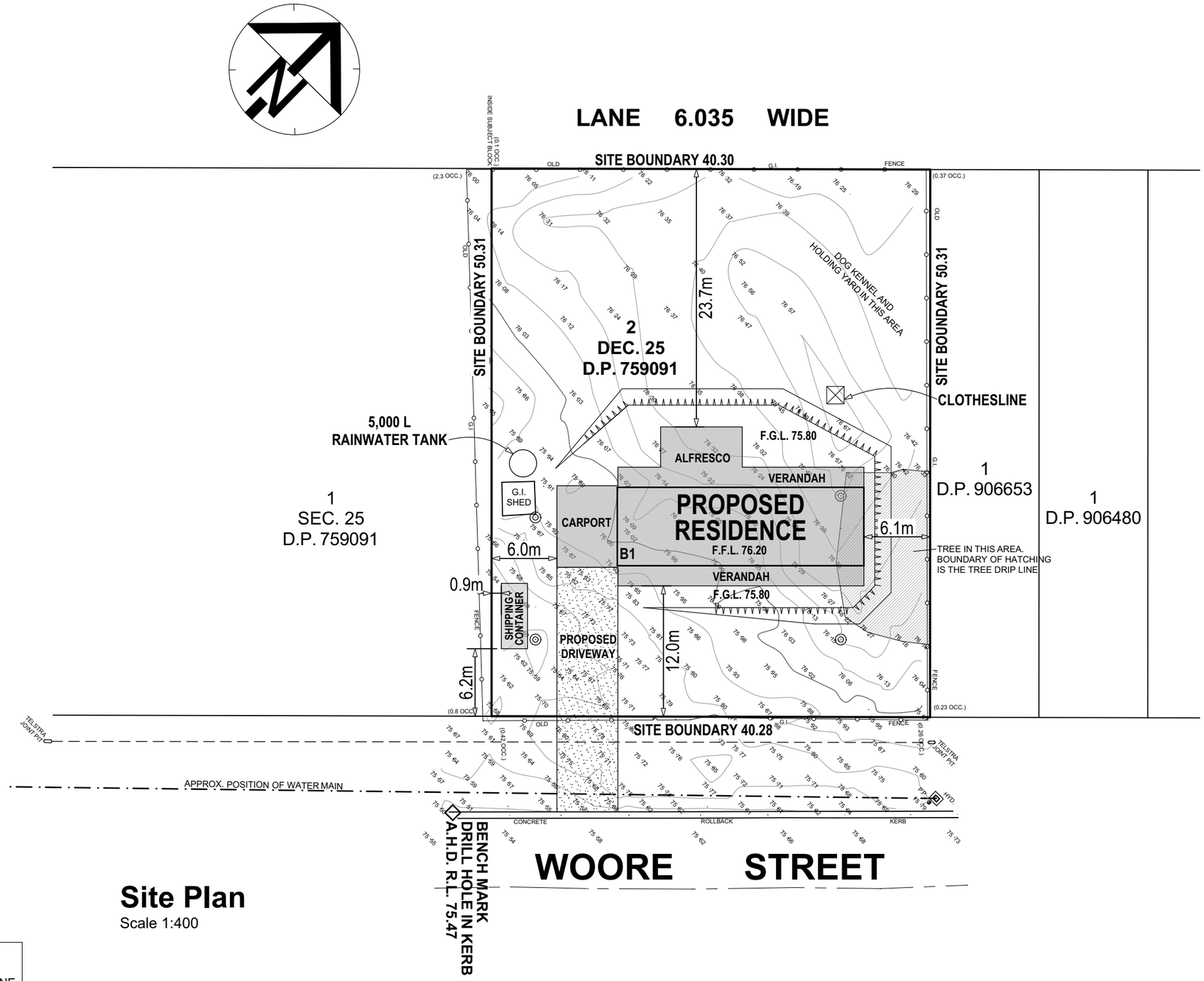


Site Plan

Scale 1:400

NOTES

DESIGN WIND SPEED: N3
BUSHFIRE CATEGORY: NONE
GROUND SNOW LOADING: NONE
NCC CLIMATE ZONE: 4

Certificate No. 0011973641-03
Scan QR code or follow website link for rating details.
Assessor name Hayley Smith
Accreditation No. DMN/18/1861
Property Address 112-114 Woore Stret WILCANNIA NSW,2836
www.hstar.com.au/QR/Generate?p=vfzawotie

REV:	DESCRIPTION	DATE
B	ISSUED FOR COUNCIL SUBMISSION	17/06/2025
A	PRELIMINARY ISSUE	05/05/2025

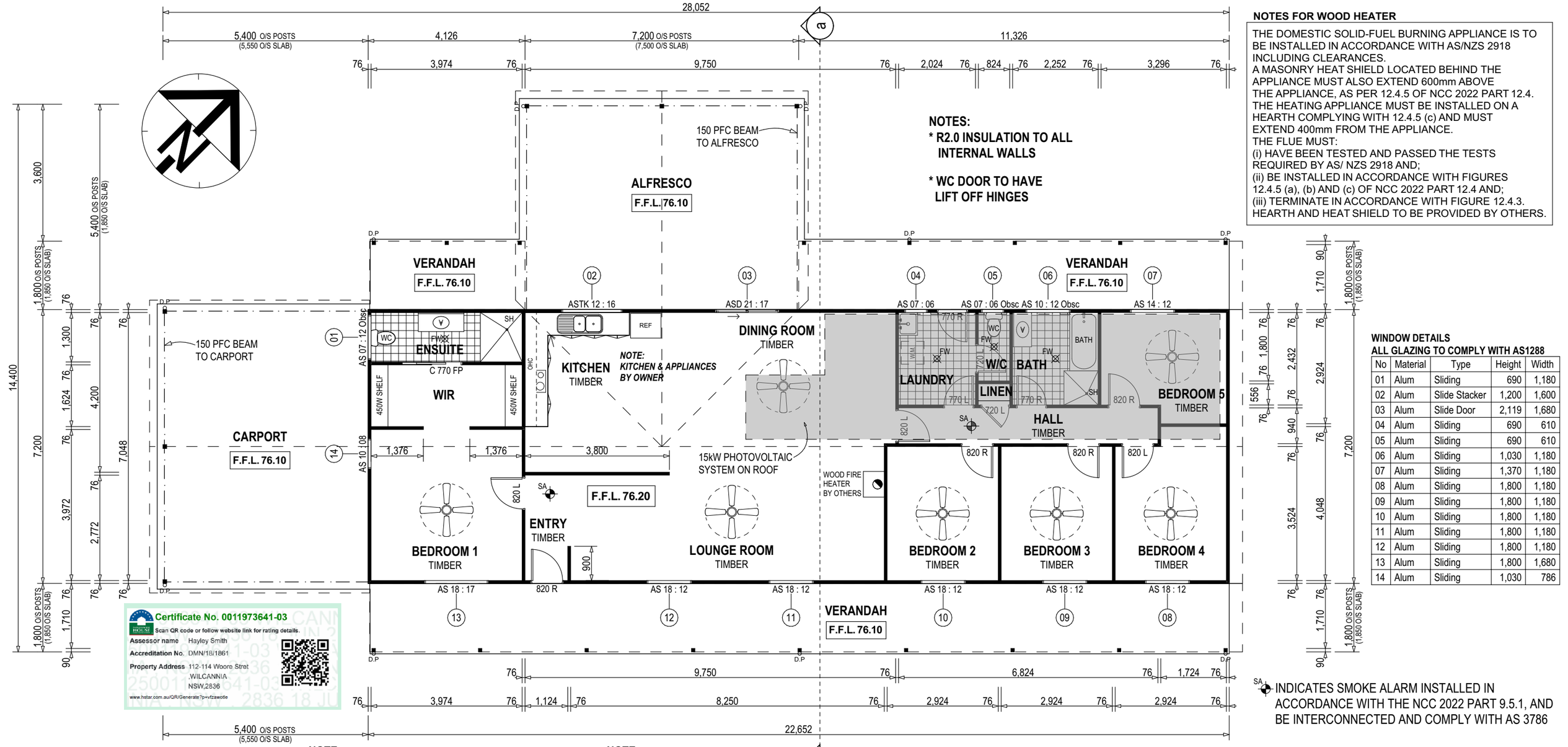
DESIGNED AND SUPPLIED BY
MetKit Homes Pty Ltd
P.O Box 290
Penrith NSW 2751
Ph: (02) 4735 4377

Documentation by Peace Plan Designers.
Job No: 51.2425

SCALE	1:400
PRINTED ON	17/06/2025
DRAWN	A.A.
DATE	01/05/2025

ISSUE	DRAWING No:	JOB No:
B	1/7	J6341mk

PROPOSED NEW RESIDENCE FOR:
Nicole Shoveller
at
Lot 2, Section 25, DP759091,
112-114 Woore Street,
Wilcannia. NSW. 2836



NOTES FOR WOOD HEATER

THE DOMESTIC SOLID-FUEL BURNING APPLIANCE IS TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 2918 INCLUDING CLEARANCES.
A MASONRY HEAT SHIELD LOCATED BEHIND THE APPLIANCE MUST ALSO EXTEND 600mm ABOVE THE APPLIANCE, AS PER 12.4.5 OF NCC 2022 PART 12.4.
THE HEATING APPLIANCE MUST BE INSTALLED ON A HEARTH COMPLYING WITH 12.4.5 (c) AND MUST EXTEND 400mm FROM THE APPLIANCE.
THE FLUE MUST:
(i) HAVE BEEN TESTED AND PASSED THE TESTS REQUIRED BY AS/ NZS 2918 AND;
(ii) BE INSTALLED IN ACCORDANCE WITH FIGURES 12.4.5 (a), (b) AND (c) OF NCC 2022 PART 12.4 AND;
(iii) TERMINATE IN ACCORDANCE WITH FIGURE 12.4.3.
HEARTH AND HEAT SHIELD TO BE PROVIDED BY OTHERS.

NOTES:
* **R2.0 INSULATION TO ALL INTERNAL WALLS**
* **WC DOOR TO HAVE LIFT OFF HINGES**

WINDOW DETAILS
ALL GLAZING TO COMPLY WITH AS1288

No	Material	Type	Height	Width
01	Alum	Sliding	690	1,180
02	Alum	Slide Stacker	1,200	1,600
03	Alum	Slide Door	2,119	1,680
04	Alum	Sliding	690	610
05	Alum	Sliding	690	610
06	Alum	Sliding	1,030	1,180
07	Alum	Sliding	1,370	1,180
08	Alum	Sliding	1,800	1,180
09	Alum	Sliding	1,800	1,180
10	Alum	Sliding	1,800	1,180
11	Alum	Sliding	1,800	1,180
12	Alum	Sliding	1,800	1,180
13	Alum	Sliding	1,800	1,680
14	Alum	Sliding	1,030	786

Certificate No. 0011973641-03
Scan QR code or follow website link for rating details.
Assessor name Hayley Smith
Accreditation No. DMN/18/1861
Property Address 112-114 Woore Strret ,WILCANNIA NSW,2836
www.hstar.com.au/QR/Generate?p=vfzawotle

SA INDICATES SMOKE ALARM INSTALLED IN ACCORDANCE WITH THE NCC 2022 PART 9.5.1, AND BE INTERCONNECTED AND COMPLY WITH AS 3786

Floor Plan

Scale 1:100

NOTES

DESIGN WIND SPEED: N3
BUSHFIRE CATEGORY: NONE
GROUND SNOW LOADING: NONE
NCC CLIMATE ZONE: 4

NOTE

WATERPROOFING TO ALL WET AREAS TO BE IN ACCORDANCE WITH NCC 2022 PART 10.2.
NOTE: WATER STOP TO UNENCLOSED SHOWER IN ACCORDANCE WITH AS3740
NOTE: TERMINATION OF MEMBRANE A MINIMUM OF 1500mm FROM SHOWER ROSE.

NOTE

SHOWERS TO BE ENCLOSED BY A SHOWER SCREEN / DOOR **OR** ALTERNATIVELY, MIN. 1200mm SHOWER SCREEN WITH 1500mm OF FLOOR GRADED TO SHOWER WASTE (BY OTHERS).

NOTE

WHERE A FLOOR WASTE IS INSTALLED :
(a) THE MINIMUM CONTINUOUS FALL OF A FLOOR PLANE TO THE WASTE MUST BE 1:80; *AND*
(b) THE MAXIMUM CONTINUOUS FALL OF A FLOOR PLANE TO THE WASTE MUST BE 1:50

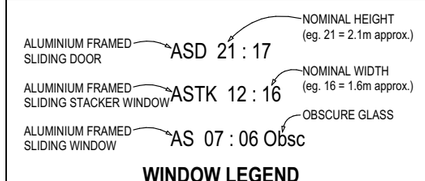
DOWNPIPES

DP - INDICATES DOWNPIPE
MAX. SPACING 12m.
DOWNPIPES MUST BE LOCATED WITHIN 1.2m OF A VALLEY OR PROVISION FOR OVERFLOW MUST BE MADE.
DOWNPIPE POSITIONS ARE INDICATIVE. CHECK WITH LOCAL AUTHORITY.

AREA TABLE

LIVING:	163.09 m²
CARPORT:	41.63 m²
ALFRESCO:	41.63 m²
VERANDAHS:	69.77 m²
TOTAL:	316.12 m²

ALL GLAZING TO COMPLY WITH CURRENT AS1288



WINDOW LEGEND

REV:	DESCRIPTION	DATE
B	ISSUED FOR COUNCIL SUBMISSION	17/06/2025
A	PRELIMINARY ISSUE	05/05/2025

DESIGNED AND SUPPLIED BY
MetKit Homes Pty Ltd
P.O Box 290
Penrith NSW 2751
Ph: (02) 4735 4377

Documentation by Peace Plan Designers.
Job No: 51.2425

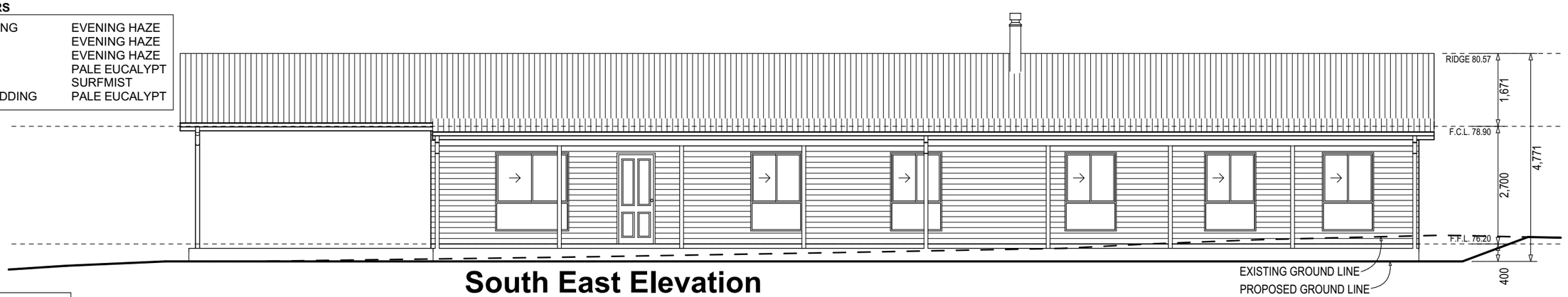
SCALE	1:100
PRINTED ON	17/06/2025
DRAWN	A.A.
DATE	01/05/2025

ISSUE	DRAWING No:	JOB No:
B	2/7	J6341mk

PROPOSED NEW RESIDENCE FOR:
Nicole Shoveller
at
Lot 2, Section 25, DP759091,
112-114 Woore Street,
Wilcannia. NSW. 2836

EXTERNAL FINISHES AND COLOURS

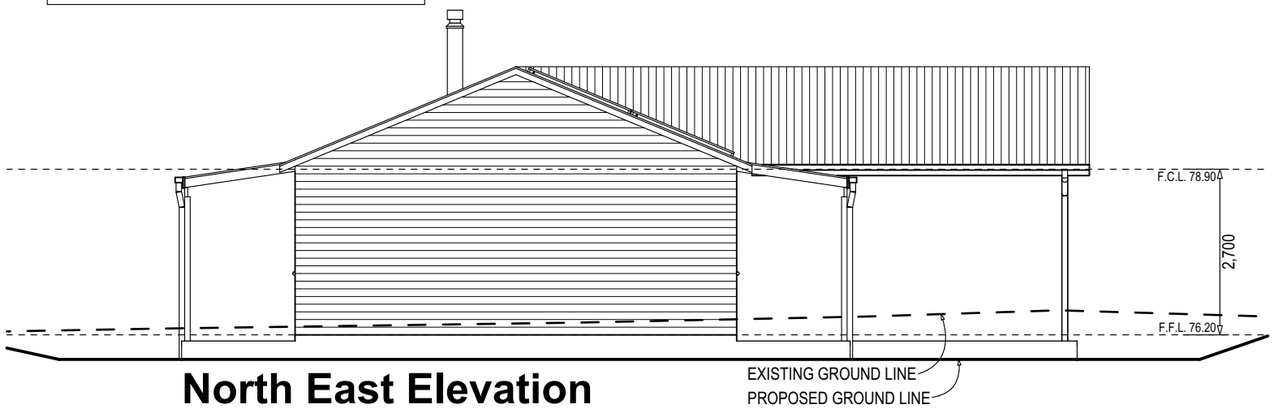
COLORBOND CORRUGATED ROOFING	EVENING HAZE
COLORBOND FASCIA COLOUR	EVENING HAZE
COLORBOND GUTTER COLOUR	EVENING HAZE
DOWNPIPE COLOUR	PALE EUCALYPT
ALUMINIUM SLIDING WINDOWS	SURFMIST
COLORBOND EXTERNAL WALL CLADDING	PALE EUCALYPT



South East Elevation

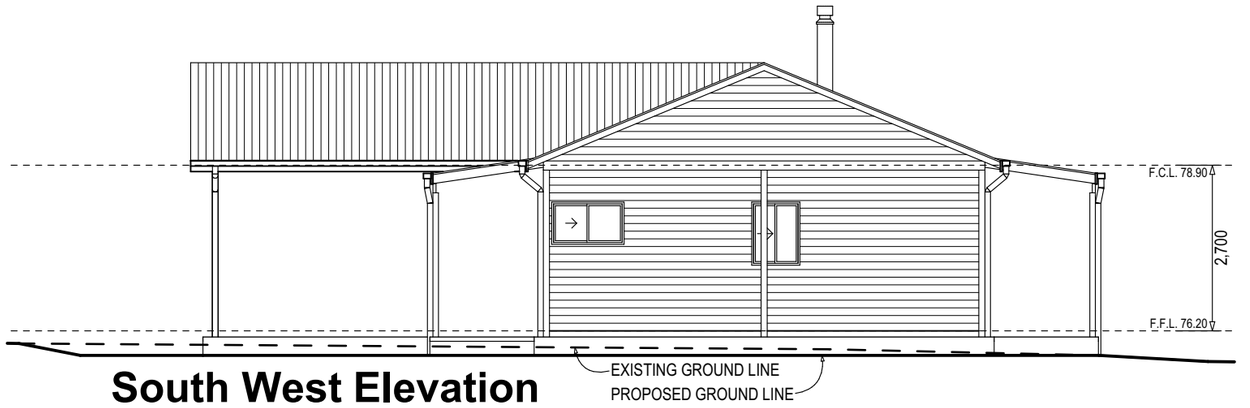
Scale 1:100

SURFACE WATER MUST BE DIVERTED AWAY FROM CLASS 1 BUILDING. MINIMUM FALL OF 50mm TO THE FIRST 1.0m FROM THE BUILDING



North East Elevation

Scale 1:100



South West Elevation

Scale 1:100

Certificate No. 0011973641-03
Scan QR code or follow website link for rating details.
Assessor name Hayley Smith
Accreditation No. DMN/18/1861
Property Address 112-114 Woore Stret WILCANNIA NSW,2836
www.hstar.com.au/QR/Generate?p=vfzawotle

North West Elevation

Scale 1:100

NOTES

DESIGN WIND SPEED: N3
BUSHFIRE CATEGORY: NONE
GROUND SNOW LOADING: NONE
NCC CLIMATE ZONE: 4

REV:	DESCRIPTION	DATE
B	ISSUED FOR COUNCIL SUBMISSION	17/06/2025
A	PRELIMINARY ISSUE	05/05/2025

DESIGNED AND SUPPLIED BY

MetKit Homes Pty Ltd

P.O Box 290
Penrith NSW 2751
Ph: (02) 4735 4377

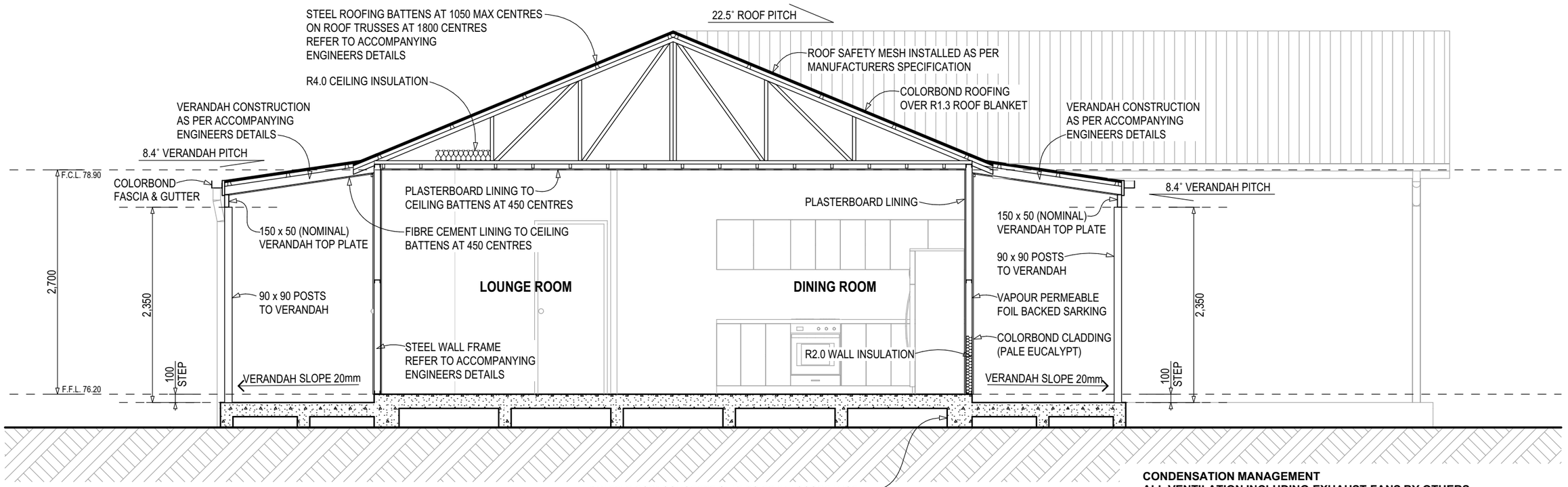
Documentation by Peace Plan Designers.
Job No: 51.2425

SCALE	1:100
PRINTED ON	17/06/2025
DRAWN	A.A.
DATE	01/05/2025

ISSUE	DRAWING No:	JOB No:
B	3/7	J6341mk

PROPOSED NEW RESIDENCE FOR:

Nicole Shoveller
at
Lot 2, Section 25, DP759091,
112-114 Woore Street,
Wilcannia. NSW. 2836



Section aa

Scale 1:50

CONDENSATION MANAGEMENT
ALL VENTILATION INCLUDING EXHAUST FANS BY OTHERS

NCC 2022 10.8.1 EXTERNAL WALL CONSTRUCTION:
WHERE FITTED, A PLIABLE BUILDING MEMBRANE MUST;
* COMPLY WITH AS4200.1
* BE INSTALLED IN ACCORDANCE WITH AS4200.2
* BE INSTALLED ON THE EXTERIOR SIDE OF THE PRIMARY INSULATION LAYER.
A PLIABLE BUILDING MEMBRANE MUST HAVE A VAPOUR PERMEANCE OF NOT LESS THAN -
* 0.143 µg/N.s IN CLIMATE ZONES 4 & 5
* 1.14 µg/N.s IN CLIMATE ZONES 6, 7 & 8
* 0.0131 µg/N.s IN NCC CLIMATE ZONES 1, 2 & 3 = CLASS 1 OR 2 VAPOUR BARRIER

NCC 2022 10.8.2 EXHAUST SYSTEMS:
WHERE FITTED, EXHAUST FANS MUST MEET THE MINIMUM PERFORMANCE REQUIREMENTS OF;
* BATHROOM & WC 25L/s
* KITCHEN & LAUNDRY 40L/s
- EXHAUST FROM A KITCHEN, KITCHEN RANGE HOOD, BATHROOM, SANITARY COMPARTMENT, OR LAUNDRY MUST DISCHARGE DIRECTLY OR VIA A SHAFT OR DUCT TO OUTDOOR AIR.
- ANY CLOTHES DRYER REQUIRING VENTILATION MUST BE VENTILATED TO THE OUTSIDE AIR.
- IN A NON-VENTILATED WC OR BATHROOM THE EXHAUST MUST BE INTERLOCKED WITH THE LIGHT SWITCH AND INCLUDE A RUN-ON TIMER OF 10 MINS.

NCC 2022 10.8.3 VENTILATION OF ROOF SPACES - FOR CLIMATE ZONES 6, 7 & 8:
ROOF SPACE MUST BE VENTILATED TO THE OUTSIDE AIR BY EVENLY SPACED VENTS IN ACCORDANCE WITH PART 10.8.3 FOR A ROOF PITCH OF >15° AND <75°
- 7000 mm²/m PROVIDED AT THE EAVES
- 5000 mm²/m PROVIDED AT THE RIDGE (WITHIN 900mm VERTICALLY OF THE RIDGE)
- ADDITIONAL 18,000 mm²/m AT THE EAVES IF THE ROOF HAS A CATHEDRAL CEILING.

VENTILATION OPENINGS ARE SPECIFIED AS A MINIMUM FREE OPEN AREA PER METRE OF THE LONGEST HORIZONTAL DIMENSION OF THE ROOF.
A MINIMUM 20mm AIR GAP MUST BE MAINTAINED BETWEEN THE CEILING INSULATION AND THE UNDERSIDE OF THE ROOF SARKING AT THE POINT WHERE THE ROOFING PASSES OVER THE EXTERNAL WALL.

NOTE - BUSHFIRE PRONE AREAS
IN ACCORDANCE WITH AS3959 ADDITIONAL VENT COUNTER MEASURES (SUCH AS EMBER GUARD MESH) WILL BE REQUIRED WHERE THE STRUCTURE IS IN A BUSHFIRE PRONE AREA.

NOTES

DESIGN WIND SPEED: N3
BUSHFIRE CATEGORY: NONE
GROUND SNOW LOADING: NONE
NCC CLIMATE ZONE: 4

THERMAL REQUIREMENTS

ROOF COLOUR	- LIGHT
EXT. WALL INSUL.	- R2.0 BATTS
INT. WALL INSUL.	- R2.0 BATTS
CEILING INSUL.	- R4.0 BATTS
ROOF INSULATION	- R1.3 ROOF BLANKET
EXTERNAL DOORS	- WEATHER STRIPPED
WINDOWS	- WEATHER STRIPPED
GLAZING	- SINGLE CLEAR

Certificate No. 0011973641-03
Scan QR code or follow website link for rating details.
Assessor name Hayley Smith
Accreditation No. DMN/18/1861
Property Address 112-114 Woore Stret
,WILCANNIA
NSW,2836
www.hstar.com.au/QR/Generate?p=vfzawotle

TERMITE MANAGEMENT SYSTEM
TO BE INSTALLED IN ACCORDANCE
WITH AS3660.1-2014

REV:	DESCRIPTION	DATE
B	ISSUED FOR COUNCIL SUBMISSION	17/06/2025
A	PRELIMINARY ISSUE	05/05/2025

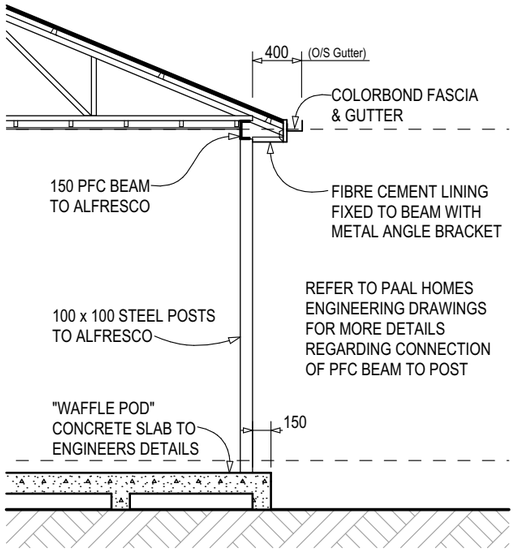
DESIGNED AND SUPPLIED BY
MetKit Homes Pty Ltd
P.O Box 290
Penrith NSW 2751
Ph: (02) 4735 4377

Documentation by Peace Plan Designers.
Job No: 51.2425

SCALE	1:50
PRINTED ON	17/06/2025
DRAWN	A.A.
DATE	01/05/2025

ISSUE	DRAWING No:	JOB No:
B	4/7	J6341mk

PROPOSED NEW RESIDENCE FOR:
Nicole Shoveller
at
Lot 2, Section 25, DP759091,
112-114 Woore Street,
Wilcannia. NSW. 2836



Typical Section Through Alfresco & Carport

Scale 1:50

NOTES

DESIGN WIND SPEED: N3
BUSHFIRE CATEGORY: NONE
GROUND SNOW LOADING: NONE
NCC CLIMATE ZONE: 4

SCHEDULE OF BASIX COMMITMENTS

WATER COMMITMENTS:
FIXTURES:
THE APPLICANT MUST INSTALL SHOWERHEADS WITH A MINIMUM RATING OF 3 STAR (> 7.5 BUT <= 9 L/MIN)
IN ALL SHOWERS IN THE DEVELOPMENT.
THE APPLICANT MUST INSTALL A TOILET FLUSHING SYSTEM WITH A MINIMUM RATING OF 4 STAR IN EACH TOILET IN THE DEVELOPMENT.
THE APPLICANT MUST INSTALL TAPS WITH A MINIMUM RATING OF 4 STAR IN THE KITCHEN IN THE DEVELOPMENT.
THE APPLICANT MUST INSTALL BASIN TAPS WITH A MINIMUM RATING OF 4 STAR IN EACH BATHROOM IN THE DEVELOPMENT.

ALTERNATIVE WATER:
THE APPLICANT MUST INSTALL A RAINWATER TANK OF AT LEAST 5,000 LITRES ON THE SITE. THIS RAINWATER TANK MUST MEET,
AND BE INSTALLED IN ACCORDANCE WITH, THE REQUIREMENTS OF ALL APPLICABLE REGULATORY AUTHORITIES.
THE APPLICANT MUST CONFIGURE THE RAINWATER TANK TO COLLECT RAIN RUNOFF FROM AT LEAST 252.89 SQUARE METRES OF
THE ROOF AREA OF THE DEVELOPMENT (EXCLUDING THE AREA OF THE ROOF WHICH DRAINS TO ANY STORMWATER TANK OR PRIVATE DAM).
THE APPLICANT MUST CONNECT THE RAINWATER TANK TO:
* AT LEAST ONE OUTDOOR TAP IN THE DEVELOPMENT
* ALL INDOOR COLD WATER TAPS (EXCLUDING TAPS THAT SUPPLY CLOTHES WASHERS) IN THE DEVELOPMENT

THERMAL COMMITMENTS:
SIMULATION METHOD
THE APPLICANT MUST CONSTRUCT THE DEVELOPMENT IN ACCORDANCE WITH ALL THERMAL PERFORMANCE SPECIFICATIONS
SET OUT IN THE ASSESSOR CERTIFICATE, AND IN ACCORDANCE WITH THOSE ASPECTS OF THE DEVELOPMENT APPLICATION
OR APPLICATION FOR A COMPLYING DEVELOPMENT CERTIFICATE WHICH WERE USED TO CALCULATE THOSE SPECIFICATIONS.

ENERGY COMMITMENTS:
HOT WATER
THE APPLICANT MUST INSTALL THE FOLLOWING HOT WATER SYSTEM IN THE DEVELOPMENT, OR A SYSTEM WITH A HIGHER
ENERGY RATING: ELECTRIC HEAT PUMP WITH A PERFORMANCE OF 21 TO 25 STCs OR BETTER.

COOLING SYSTEM
THE APPLICANT MUST INSTALL THE FOLLOWING COOLING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST
1 LIVING AREA: 1-PHASE AIRCONDITIONING - DUCTED; ENERGY RATING: EER 3.0 - 3.5.
THE APPLICANT MUST INSTALL THE FOLLOWING COOLING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST
1 BEDROOM: 1-PHASE AIRCONDITIONING - DUCTED; ENERGY RATING: EER 3.0 - 3.5.

HEATING SYSTEM
THE APPLICANT MUST INSTALL THE FOLLOWING HEATING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST 1 LIVING AREA:
WOOD HEATER; ENERGY RATING: N/A

WOOD HEATER NOTES:
THE DOMESTIC SOLID-FUEL BURNING APPLIANCE IS TO BE INSTALLED IN ACCORDANCE WITH AS/NZS 2918 INCLUDING CLEARANCES.
A MASONRY HEAT SHIELD LOCATED BEHIND THE APPLIANCE MUST ALSO EXTEND 600mm ABOVE THE APPLIANCE,
AS PER 12.4.5 OF NCC 2022 PART 12.4.
THE HEATING APPLIANCE MUST BE INSTALLED ON A HEARTH COMPLYING WITH 12.4.5 (c) AND
MUST EXTEND 400mm FROM THE APPLIANCE.
THE FLUE MUST:
(i) HAVE BEEN TESTED AND PASSED THE TESTS REQUIRED BY AS/ NZS 2918 AND;
(ii) BE INSTALLED IN ACCORDANCE WITH FIGURES 12.4.5 (a), (b) AND (c) OF NCC 2022 PART 12.4 AND;
(iii) TERMINATE IN ACCORDANCE WITH FIGURE 12.4.3.
HEARTH AND HEAT SHIELD TO BE PROVIDED BY OTHERS.

THE APPLICANT MUST INSTALL THE FOLLOWING HEATING SYSTEM, OR A SYSTEM WITH A HIGHER ENERGY RATING, IN AT LEAST
1 BEDROOM: 1-PHASE AIRCONDITIONING - DUCTED; ENERGY RATING: EER 3.5 - 4.0.

VENTILATION
THE APPLICANT MUST INSTALL THE FOLLOWING EXHAUST SYSTEMS IN THE DEVELOPMENT:
AT LEAST 1 BATHROOM: INDIVIDUAL FAN, DUCTED TO FACADE OR ROOF; OPERATION CONTROL: MANUAL ON/OFF
KITCHEN: INDIVIDUAL FAN, DUCTED TO FACADE OR ROOF; OPERATION CONTROL: MANUAL ON/OFF
LAUNDRY: NATURAL VENTILATION ONLY; OPERATION CONTROL: N/A

ARTIFICIAL LIGHTING
THE APPLICANT MUST ENSURE THAT A MINIMUM OF 80% OF LIGHT FIXTURES ARE FITTED WITH FLUORESCENT,
COMPACT FLUORESCENT, OR LIGHT EMITTING DIODE (LED) LAMPS.

NATURAL LIGHTING
THE APPLICANT MUST INSTALL A WINDOW AND/OR SKYLIGHT IN THE KITCHEN OF THE DWELLING FOR NATURAL LIGHTING.
THE APPLICANT MUST INSTALL A WINDOW AND/OR SKYLIGHT IN 3 BATHROOM(S)/TOILET(S) IN THE DEVELOPMENT FOR NATURAL LIGHTING.

ALTERNATIVE ENERGY
THE APPLICANT MUST INSTALL A PHOTOVOLTAIC SYSTEM AS PART OF THE DEVELOPMENT.
THE APPLICANT MUST CONNECT THIS SYSTEM TO THE DEVELOPMENT'S ELECTRICAL SYSTEM.
THE PHOTOVOLTAIC SYSTEM MUST CONSIST OF: PHOTOVOLTAIC COLLECTORS WITH THE CAPACITY TO GENERATE AT LEAST
15 PEAK KILOWATTS OF ELECTRICITY, INSTALLED AT AN ANGLE BETWEEN 10 DEGREES AND 25 DEGREES TO THE HORIZONTAL
FACING NORTH WEST.

REV:	DESCRIPTION	DATE
B	ISSUED FOR COUNCIL SUBMISSION	17/06/2025
A	PRELIMINARY ISSUE	05/05/2025

DESIGNED AND SUPPLIED BY
MetKit Homes Pty Ltd
P.O Box 290
Penrith NSW 2751
Ph: (02) 4735 4377

Documentation by Peace Plan Designers.
Job No: 51.2425

SCALE	1:50
PRINTED ON	17/06/2025
DRAWN	A.A.
DATE	01/05/2025

ISSUE	DRAWING No:	JOB No:
B	5/7	J6341mk

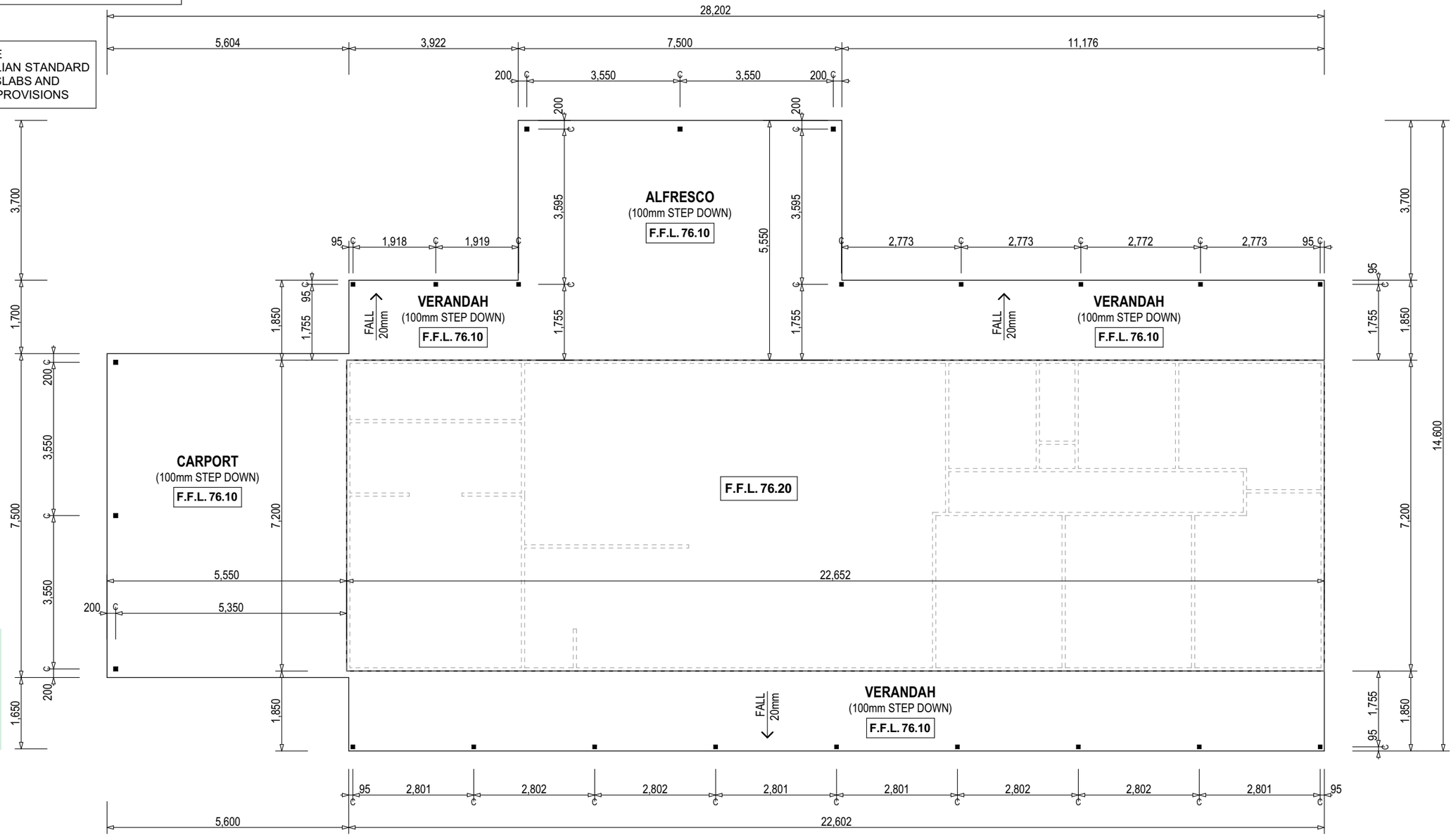
PROPOSED NEW RESIDENCE FOR:
Nicole Shoveller
at
Lot 2, Section 25, DP759091,
112-114 Woore Street,
Wilcannia. NSW. 2836

IMPORTANT

CONCRETER TO ENSURE ANY SET DOWNS IN THE FLOOR SLAB MATCH THE LEVELS SHOWN ON THE PAAL CONCRETE SLAB SETOUT PLAN. PAAL WALL FRAMES ARE MANUFACTURED TO SUIT THESE LEVELS. PAAL NEEDS TO BE INFORMED OF ANY CHANGES FROM THE LEVELS NOMINATED. FAILURE TO DO SO WILL RESULT IN DELAYS AND COMPLICATIONS IN CONSTRUCTION

CONCRETE SLAB NOTES

CONCRETE SLAB TO BE IN ACCORDANCE WITH ENGINEERS DETAILS AND AUSTRALIAN STANDARD AS2870-2011 AND AS3600 "RESIDENTIAL SLABS AND FOOTINGS" AND ENERGY ASSESSMENT PROVISIONS



Certificate No. 0011973641-03
Scan QR code or follow website link for rating details.
Assessor name Hayley Smith
Accreditation No. DMN/18/1861
Property Address 112-114 Woore Stret ,WILCANNIA NSW,2836
www.hstar.com.au/QR/Generate?p=vfzawotle

NOTES

DESIGN WIND SPEED: N3
BUSHFIRE CATEGORY: NONE
GROUND SNOW LOADING: NONE
NCC CLIMATE ZONE: 4

Verandah/ Concrete Slab Set Out Plan

Scale 1:100

REV:	DESCRIPTION	DATE
B	ISSUED FOR COUNCIL SUBMISSION	17/06/2025
A	PRELIMINARY ISSUE	05/05/2025

DESIGNED AND SUPPLIED BY
MetKit Homes Pty Ltd
P.O Box 290
Penrith NSW 2751
Ph: (02) 4735 4377

Documentation by Peace Plan Designers.
Job No: 51.2425

SCALE	1:100
PRINTED ON	17/06/2025
DRAWN	A.A.
DATE	01/05/2025

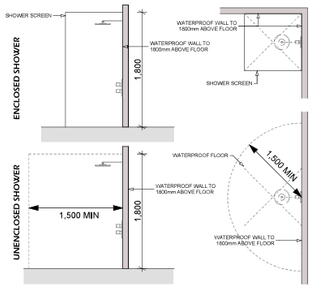
ISSUE	DRAWING No:	JOB No:
B	6/7	J6341mk

PROPOSED NEW RESIDENCE FOR:
Nicole Shoveller
at
Lot 2, Section 25, DP759091,
112-114 Woore Street,
Wilcannia. NSW. 2836

WATERPROOFING COMPLIANCE TO NCC 2022 - PART 10.2 WATERPROOFING

SHOWER AREAS
Shower areas either enclosed or unenclosed must
· Have a floor waste, minimum continuous fall to a floor waste is 1:80 / max is 1:50 and
· Step down or
· Hob or
· Level threshold.
Shower areas with a hob, step down or level threshold must
· The floor of the shower must be waterproof, inc. hob or step down.
· The walls of the shower must be waterproof not less than 1800mm above the floor
· The junctions and joins within the shower must be waterproof to 40mm either side of the junction.
· Wall / floor junctions within the shower must be waterproof.
· Penetrations within the shower must be waterproof.

A shower with preformed shower base must comply with all above except for waterproofing of floor.



STEP DOWN SHOWER
The highest finished floor level of the shower must be stepped down a min of 25mm lower than the finished floor level outside the shower.

Substrates
Walls
· Concrete complying with AS3600, treated to resist moisture movement.
· Cement render, treated to resist moisture movement.
· Compressed fibre-cement sheeting manufactured to AS/NZS 2908.2
· Water resistant plasterboard sheeting.
· Masonry to AS3700, treated to resist moisture movement.
Floors
· Concrete to AS3700
· Concrete slabs to AS2870
· Compressed fibre-cement sheeting manufactured to AS/NZS 2908.2

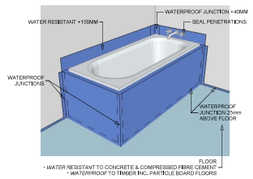
Surfaces
Walls
Thermosetting laminate.
Pre-decorated compressed fibre cement sheeting to AS/NZS 2908.2
Tiles (to a water resistant substrate.)
Water resistant flexible sheeting with sealed joints (to a water resistant substrate.)
Sanitary grade acrylic linings.
Floors
Tiles (to a water resistant substrate.)
Water resistant flexible sheet flooring material with sealed joints

AREA OUTSIDE SHOWER
Concrete, compressed fibre cement flooring must be water resistant.
Timber / particleboard / plywood and other timber based flooring must be waterproof.
Wall/Floor junctions must be waterproof and where flashed, must have a horizontal leg of min 40mm.

AREA ADJACENT TO BATH / SPA WITHOUT SHOWER
Concrete, compressed fibre cement flooring must be water resistant.
Timber / particleboard / plywood and other timber based flooring must be waterproof.
Wall/Floor junctions must be waterproof and where flashed, must have a horizontal leg of min 40mm.
Tap and spout penetrations in horizontal surfaces must be waterproof.

AREA ADJACENT TO NON FREESTANDING BATH / SPA
· For vessels with 150mm of wall, the walls must be water resistant to a high of 150mm above the vessel and all exposed surfaces below the vessel lip.
· Wall junctions must be water resistant within 150mm above the vessel
· Wall / floor junctions must be waterproof for the extent of the vessel.

FOR INSERT BATHS AND SPAS
· Any horizontal surface adjoining a bath or spa must be waterproof inc a waterstop.
· Walls must be waterproof to no less than 150mm above the lip of the bath.
· Wall junctions must be waterproof within 150mm of the bath.
· Tap and spout penetrations must be waterproof where they occur in a horizontal surface.



FOR WALLS ADJOINING SINKS / BASIN / LAUNDRY TUBS
Walls must be water resistant to a height of 150mm min above the vessel for the extent of the vessel where the vessel is within 75mm of the wall.
· Waterproof wall junctions where the vessel is fixed to the wall.
· Waterproof tap and spout penetrations where positioned in the area required to be water resistant.

FOR LAUNDRIES AND WC'S
· The floor of the room must be water resistant.
· Wall / floor junctions must we water resistant & where flashed the horizontal leg must be 40mm min.

FOR WC'S WITH BIDET SPRAY
· The floor of the room must be water proof.
· The walls must be waterproof within a 900mm radius of the wall connection of the spray to a height of 150mm min above the floor.
· The walls must be water resistant within a 900mm radius of the wall connection of the spray to a height of 1200mm min above the floor.
· Wall junctions within the above area must be waterproof.
· Wall / floor junctions within 1000mm min radius from the wall connection of spray must be waterproof.
· Penetrations in the WC area must be waterproof.

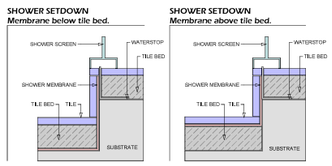
WATERPROOFING SYSTEMS
A Water*proofing* System required to be **waterproof** must use **Waterproof** materials nominated below.
A Water*proofing* System required to be **water resistant** must use **water resistant** materials nominated below.

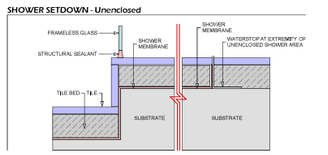
***WATERPROOF* MATERIALS**
· Stainless Steel
· Flexible waterproof sheet flooring material with waterproof joints.
· Membrane complying with AS/NZS 4858
· Waterproof Sealant

***WATER RESISTANT* SURFACES**
Substrates
Walls
· Concrete complying with AS3600, treated to resist moisture movement.
· Cement render, treated to resist moisture movement.
· Compressed fibre-cement sheeting manufactured to AS/NZS 2908.2
· Water resistant plasterboard sheeting.
· Masonry to AS3700, treated to resist moisture movement.
Floors
· Concrete to AS3700
· Concrete slabs to AS2870
· Compressed fibre-cement sheeting manufactured to AS/NZS 2908.2

Surfaces
Walls
Thermosetting laminate.
Pre-decorated compressed fibre cement sheeting to AS/NZS 2908.2
Tiles (to a water resistant substrate.)
Water resistant flexible sheeting with sealed joints (to a water resistant substrate.)
Sanitary grade acrylic linings.
Floors
Tiles (to a water resistant substrate.)
Water resistant flexible sheet flooring material with sealed joints

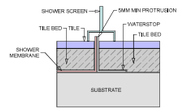
WET AREA FLOOR FALLS
Where a floor waste is installed, minimum continuous fall to a floor waste is 1:80 / max is 1:50.
WET AREA WALL AND FLOOR SUBSTRATE MATERIALS TO BE WATER RESISTANT TO ABOVE



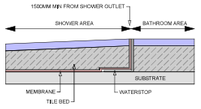


HOB CONSTRUCTION
· Hob must be constructed of masonry, concrete, aerated concrete or extruded polyurethane foam only.
· All gaps must be made flush before application of membrane.
· Must be adequately secured to floor.
· Must not be made of timber.

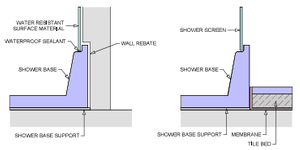
ENCLOSED SHOWER WITH LEVEL THRESHOLD
· A waterstop must be installed at the extremity of the shower area so that the vertical leg finishes
· Where the shower screen is installed, not less than 5mm above the finished floor level.
· Where the waterstop intersects with a wall, the junction must be waterproof.



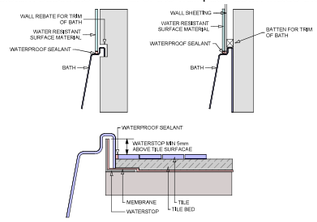
UNENCLOSED SHOWER WITH LEVEL THRESHOLD must
· A waterstop must be installed a minimum horizontal distance of 1500mm from the shower rose.
· The vertical leg of the waterstop must finish flush with the top of the floor.
· Where the waterstop intersects with a wall or is jointed the junction must be waterproof of the whole area must be waterproofed and drained to a floor waste (as for the shower area.)
· Where the whole wet area is waterproofed, at doorways, the tiling angle must be fixed to the membrane with a a compatible sealant.



PREFORMED SHOWER BASES must
· Have an upturned lip.
· Be recessed into the wall to allow the water resistant surface material and substrate material to pass down in front of the perimeter upturn lip of the base.
· Be supported to prevent distortion or cracking.



BATHS AN SPAS must
· Have an upturned lip &
· Be recessed into the wall &
· Have the water resistant substrate material of the wall pass down inside the upturn lip.

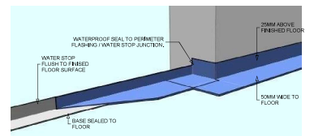


MEMBRANE INSTALLATION FOR SCREED
· Where a screed is used in conjunction with a waterproof membrane, the waterproof membrane can be above or below the title be door screed.

SUBSTRATE SURFACE PREP FOR APPLICATION OF MEMBRANE
The substrate surface area where a membrane is to be installed must
· be clean and dust free &
· Free of indentations and imperfections.

PENTRATIONS
Penetrations for taps, shower nozzles etc must be waterproofed by
· Sealant or
· Proprietary flange system or
· A combination of both methods
The spindle hosing of the taps body must be free to be removed for washer replacement without damaging the seal.
The following must be waterproofed.
· All penetration due to mechanical fixings of substrate material.
· Any penetration to the surface material.
· Recess for soap holder/ niche etc.
Tap and spout penetrations on horizontal surfaces around baths and spas by be waterproofed by
· Sealing the tap body to the substrate with sealant or
· Proprietary flange system.

FLASHINGS
Perimeter flashing to wall / floor junction must have
· Vertical leg that extends a min of 25mm above the finished floor level and
· Horizontal leg that is 50mm wide



FLASHINGS
Where both wall and floor are water resistant, a waterproof sealant must be used at the junction point.

FLASHINGS
Perimeter flashing at a floor level opening must
· Where the whole wet area floor is waterproof, at the door opening, a waterstop must be installed with a vertical leg finishing flush with the top of the finished floor level.
The membrane must be terminated to create waterproof seal to the waterstop and the perimeter flashing.
· In any other case, at a floor level opening a waterstop must be installed with a vertical leg flush with the top of the finish floor level and waterproofed to the perimeter flashing.
· Any vertical flashing must extend a minimum of 1800mm above the finished floor level.

MEMBRANE TO SHOWER FLOOR
For all showers the membrane must be applied to the floor and up the vertical surface of the wall to a min of 1800mm above the finished floor level.

MEMBRANE TO SHOWER WALL
· Where the wall sheeting is used with an external membrane system it must be waterproof to prevent water\ movement by capillary action.
· Where water resistant plasterboard is used, all cut edges must be waterproofed, inc the bottom edge over a preformed shower base.

BOND BREAKER FOR BONDED MEMBRANES
· Bond breakers must be installed to wall/wall, wall/floor & hob wall junctions.
· Bond breaker must be compatible with the flexibility class of the membrane used.

REV:	DESCRIPTION	DATE
B	ISSUED FOR COUNCIL SUBMISSION	17/06/2025
A	PRELIMINARY ISSUE	05/05/2025

DESIGNED AND SUPPLIED BY
MetKit Homes Pty Ltd
P.O Box 290
Penrith NSW 2751
Ph: (02) 4735 4377

Documentation by Peace Plan Designers.
Job No: 51.2425

SCALE			
PRINTED ON	17/06/2025		
DRAWN	A.A.		
DATE	01/05/2025		
ISSUE B	DRAWING No: 7/7	JOB No: J6341mk	

PROPOSED NEW RESIDENCE FOR:
Nicole Shoveller
at
Lot 2, Section 25, DP759091,
112-114 Woore Street,
Wilcannia. NSW. 2836