



DESIGN CRITERIA IN ACCORDANCE WITH AS1170.2:
IMPORTANCE 2
Vu=V 500=45 m/s
Ms=1.0
Mt=1.0
Mt=1.0
Mzcate0.91
REGION A CAT 2.0
V serviceability=37 m/s

# SHFFT LIST

SHE	EET LIST					DESIGN CRITERIA IN ACCORDANCE WITH AS1170.4: PROBABILITY P = 1/500 (TABLE 3.1)
	Sheet Name	Stage	Ву	Date	Rev	KP = 1.0 (TABLE 3.1) SITE HAZARD FACTOR Z ALLOWED = 0.09 (FIGURE 3.2(C))
A 000	Cover Page	Working	NJvR	04 July. '24	3	EARTHQUAKE DESIGN CATEGORY =DOMESTIC AS PER APPENDIX A
A 100	Site Plan - Overall	Working	NJvR	04 July. '24	3	FOR RESIDENTIAL AND COMMERCIAL BUILDINGS (CLAUSE 2.3.2):  1. SERVICEABILITY PRESSURE
A 101	Site Plan - Part	Working	NJvR	04 July. '24	3	GENERAL – 840 Pa, UP TO 840 mm FROM CORNER - 900 Pa 2. ULTIMATE STRENGTH PRESSURE
A 200	Floor Plan	Working	NJvR	04 July. '24	3	GENERAL – 1230 Pa, UP TO 840 mm FROM CORNER - 1307 Pa 3. WATER PENETRATION RESISTANCE TEST PRESSURE
A 300	Elevations	Working	NJvR	04 July. '24	3	NON-EXPOSED – 150 Pa, EXPOSED – 200 Pa
A 400	Sections	Working	NJvR	04 July. '24	3	
A 500	Electrical Plan	Working	NJvR	04 July. '24	3	
A 600	Bath Details	Working	NJvR	04 July. '24	3	
A 700	Door & Window Schedule	Working	NJvR	04 July. '24	3	

NOTE: ALL FINISHES, FLASHING, INSULATION AND ANY FORM OF ASETHETIC REQUIREMENT BY OTHERS.

<b>8</b> Intrax	
APPROVED BY:	
PAUL ROMAGNOLO	
BE (Hons)	
MIEAUST No. 4637105 PROJECT NUMBER	: PRJ1274909
JOB NUMBER	S#230453

	NOTES							CLIENT			
Aussie Bush Cabins	All areas are approximate only. Design is subject to site conditions, location of services, energy efficiency compliance and approval of relevant authorities.							ADDRESS			P149270 2389
Pty Ltd									rown Rd, Moonies	Hill W	
Phone: 1300 507 984 www.aussiebushcabins.com.au								DRAWING	_	_	PROJECT NO.
Phone: (08) 9399 6715								1	Cover	Page	1426
Builders Reg.No. BC104265 © all designs are copyright protected	I							PAPER SIZE A3	DRAWN CHECK		DATE O4 July 104
ALL DRAWING. PLANS AND DESIGNS ARE SUBJECT TO COPYRIGHT	DATE	DATE	3	03 July. '24	Revision Bal 12.5	NJvR	РВ	A3	NJvR	PB	•
AND ANY ATTEMPT OR ACTUAL INFRINGEMENT BY USING, REPRODUCING OR COPYING THE SAME WHOLLY OR IN PART	DAIL	DAIL	2	22 May. '24	Bath	NJvR	PB	PROJECT STAGE	SCALE		DRAWING NO. rev 3
WITHOUT WRITTEN PERMISSION FROM THE DESIGNER WILL RESULT	CLIENT BUILDER		1	14 May '24	PPA	NJvR	PB	Morking	0	1	$\bot$ $\land$ $\land$ $\land$ $\land$
IN LEGAL PROCEEDINGS		BUILDER	REV	DATE	DESCRIPTION	BY	CHK	Working	0m		AUUU

structural column to eng. spec



### **BAL NOTE**

Site assessed to be BAL - 12.5. Construction to comply with AS 3959 and BCA.



### WINDOW COVERS

Standard roller blind to all windows and doors except wet



### **INSULATION NOTE**

• Floor & wall insulation to comply with required EER ratin Wall and roof insulation as per required EER rating.



## STORMWATER NOTE

Stormwater to run into soakwells as per builder's standard specification. -BY OWNER



### **ENGINEERING NOTE**

All details must be read in conjunction with engineers's details. Any differences to be consulted and discussed w



· Select benchtops throughout as per addenda, unless noted otherwise

## **BUILDER'S NOTES**

- Ruilder to check all dimensions prior to commencing construction. Do not scale drawings All site dimensions dependant on original and
- future surveys.

  These drawings are to be read in conjunction with
- all structural engineering drawings.

   All external steelwork including lintels and post stirruns to be hot dinned galvanised
- All external fixings to be galvanised. All steel strutting beam sizes are nominal only and
- are to be checked by builder before construction.

  Metal studwork construction with select cladding externally.

  • All timber sizes not indicated shall comply with the
- light timber framing code AS 1684.
- All roof framing to Australian Standards, including tie down bolts and triple grips.
- All strutting beam sizes and locations are nominal. only and to be confirmed by builder prior to
- Termite treatment to local authority requirements and NCC Part 3.1.3, Part 2.1.1 and Part 1.0.7. Builder to liaise with plumbing contractor on site regarding all plumbing fixtures and fittings. All non-standard windows where indicated on drawings to comply with Australian Standards.

  • All scaffolding to comply with the occupational health, safety and welfare act.

  • Electric hot water system to manufacturer's
- Electric cooktop to manufacturer's requirements.
   Electric oven to manufacturers' requirements.

### **BAL 12.5**

#### Description of predicted bushfire attack & levels of exposure

#### Floors & Subfloor Supports No special construction requirements

Walls & Cladding · All external walls & cladding to be made from non-

- combustible materials, cavity brick, concrete, mud brick, stone, fibre cement panels min 6mm thin, steel cladding Timber framed, steel framed walls sarked on outside and clad with 6mm fibre cement sheeting, steel
- sheeting, naturally bushfire resistant timber or timber logs of 680kg/m3 or greater o/a thickness 90mm All weep holes to be protected by weep hole screens complying with AS3959:2018

- Cladding material to be non-combustible Gaps and joints sealed to 2mm maximum
- Openings and vents fitted with ember guards · Fully sarked on top of rafters if tiled, on top of battens if
- Verandahs must comply with above, unless separated
- from main roof space by wall

  Gutters made from non-combustible materials, gutters and openings protected with non-combustible ember guards as per AS 3959-2018

### Fascia, Barge & Eave Lining

- All material or system to comply with AS1530.8.1 See eave details
- Fibre cement lining min 6mm Eaves ventilation openings max 3 mm shall be fitted with non-combustible ember guards, mesh or
- perforated sheet with max aperture of 2 mm Joints in eaves linings, fascias & gables may be sealed with plastic joining strips or timber moulds

#### Anticon, Insulation & Infill strips

- Insulation & anticon required in roof and ceiling space as per AS 1530.1

  • All insulation and anticon to be made from non-
- combustible fibres

  Infill strips required on steel roofing under cappings and
- flashings to seal any opening infill strips to conform to bushfire standards AS 1530.1 (BAL FZ)

- Decking (if applicable)

   Decking to be made of non-combustible material and should not be spaced
- Decking support either be non-combustible )steel or concrete) or be fully enclosed
- Gaps greater than 3mm in decking should be protected by corrosion resistant steel mesh with apertures less

- · Bushfire shutters or
- 5mm toughened glass or 4mm Grade A safety glass may be used
- Screens can be bronze, aluminium or corrosion resistant steel
- Openable portion screened and frame of metal or metal reinforced PVC-U, or bushfire resisting timber

#### Doors

- Protected by bushfire shutters or
- · Screened with steel, bronze or aluminium mesh or Glazed with 5mm toughened glass, non-combustible of 35mm solid timber for 400mm above threshold, naturally fire resistant timber framed for 400mm above
- ground, decking, ect.

  Tight-fitting with weather strips and draught seals

## age door shall be sealed

Skylights & Ventilators

- Any glazed penetrations in roof must have a FRL of (-/30/-) & where roof pitch is less than 18° glazed ons must be protected by ember proof metal
- No roof mounted evaporative coolers allowed Any ventilator to comply with BAL40 requirements

- Non-combustible; or 6mm fibre cement, compliant
- · Gaps and joints sealed to 2mm maximum

- · Exposed water and gas pipes shall be metal
- Buried pipes no less than 30mm below ground

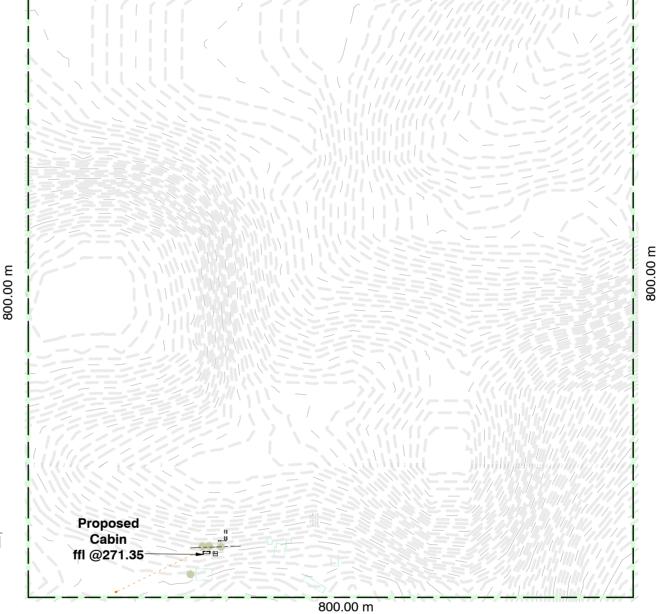
Screens
- All bushfire screens must be metal (steel or bronze) and prevent gaps greater than 2mm

## **ENERGY RATING**

- Climate zone 6, as per Building Codes of Australia Select ceiling and wall insulation to cabin as per
- All tap fittings other than bath outlets and garden taps to be a minimum 4 star WELS rated.

  • All shower heads to be minimum 3 star WELS
- All internal hot water outlets (taps, showers, washing machine water supplies) to be connected to a hot water system or to a recirculating hot water system with pipes installed and insulated in accordance with AS/NZ 3500:2003. plumbing and drainage, part 4 heated water service.
- Pipework from the hot water system or circulating hot water system to the furthermost hot water outlet must not exceed 20 metres in ength or 2 litres of internal volume All sanitary flushing systems to be a minimum 4

star rated dual flush systems



800.00 m

SITE PLAN

1:5000



**NORTH** 

ALL FINISHES, FLASHING, INSULATION AND ANY FORM OF ASETHETIC REQUIREMENT BY OTHERS



Aussie Bush Cabins

Phone: (08) 9399 6715 Builders Reg.No.BC104265|© all designs are copyright protect

www.aussiebushcabins.com.au

CLIENT

BUILDER \_\_\_\_\_\_ ALL DRAWING, PLANS AND DESIGNS ARE SUBJECT TO COPYRIGHT AND ANY ATTEMPT OR ACTUAL INFRINGEMENT BY USING, REPRODUCING OR
COPYING THE SAME WHOLLY OR IN PART WITHOUT WRITTEN

QPERMISSION FROM THE DESIGNER WILL RESULT IN LEGAL PROCEEDINGS

REV

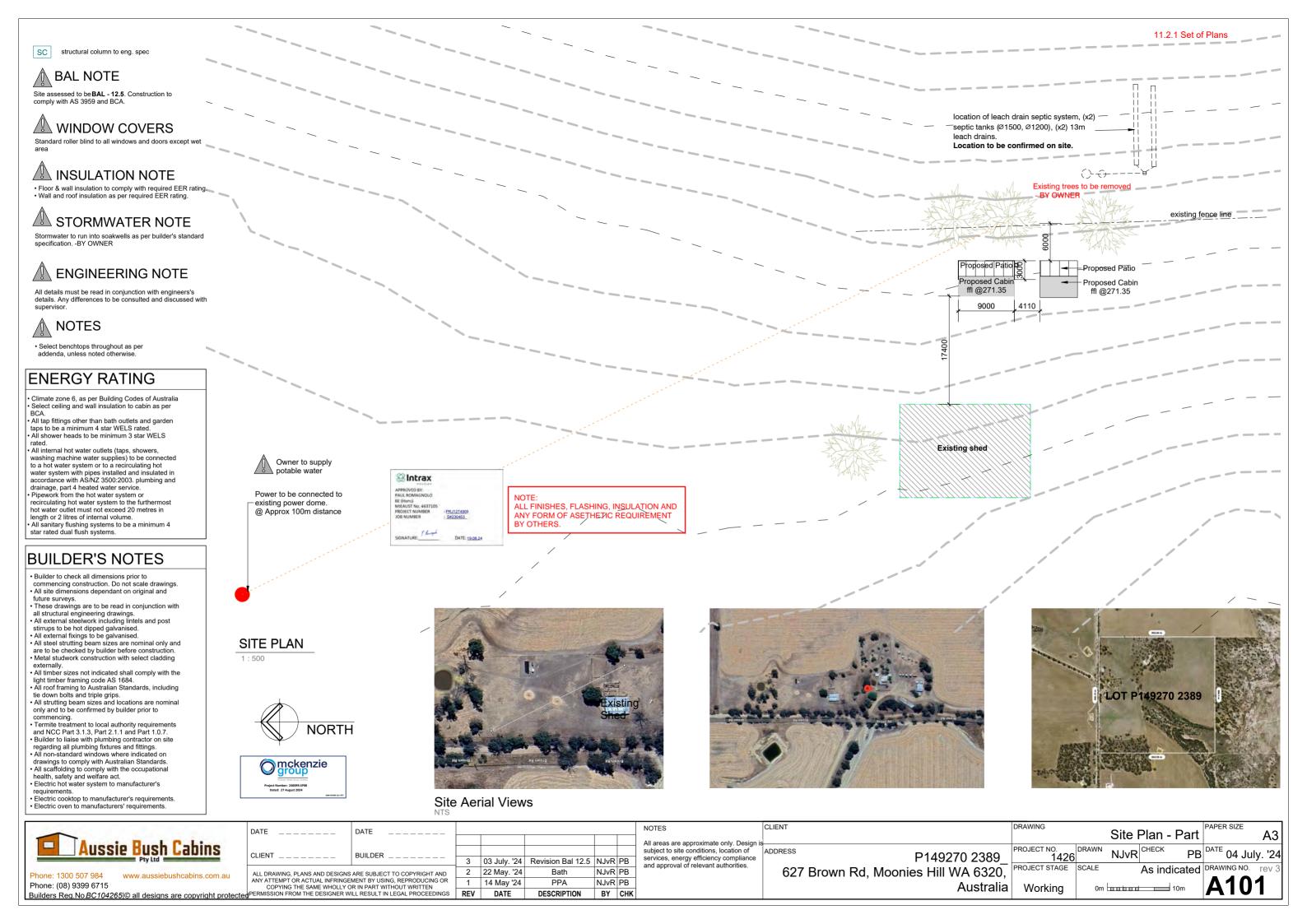
03 July. '24 Revision Bal 12.5 NJvR PB 2 22 May. '24 NJvR PB 1 14 May '24 NJvR PB DESCRIPTION BY CHK

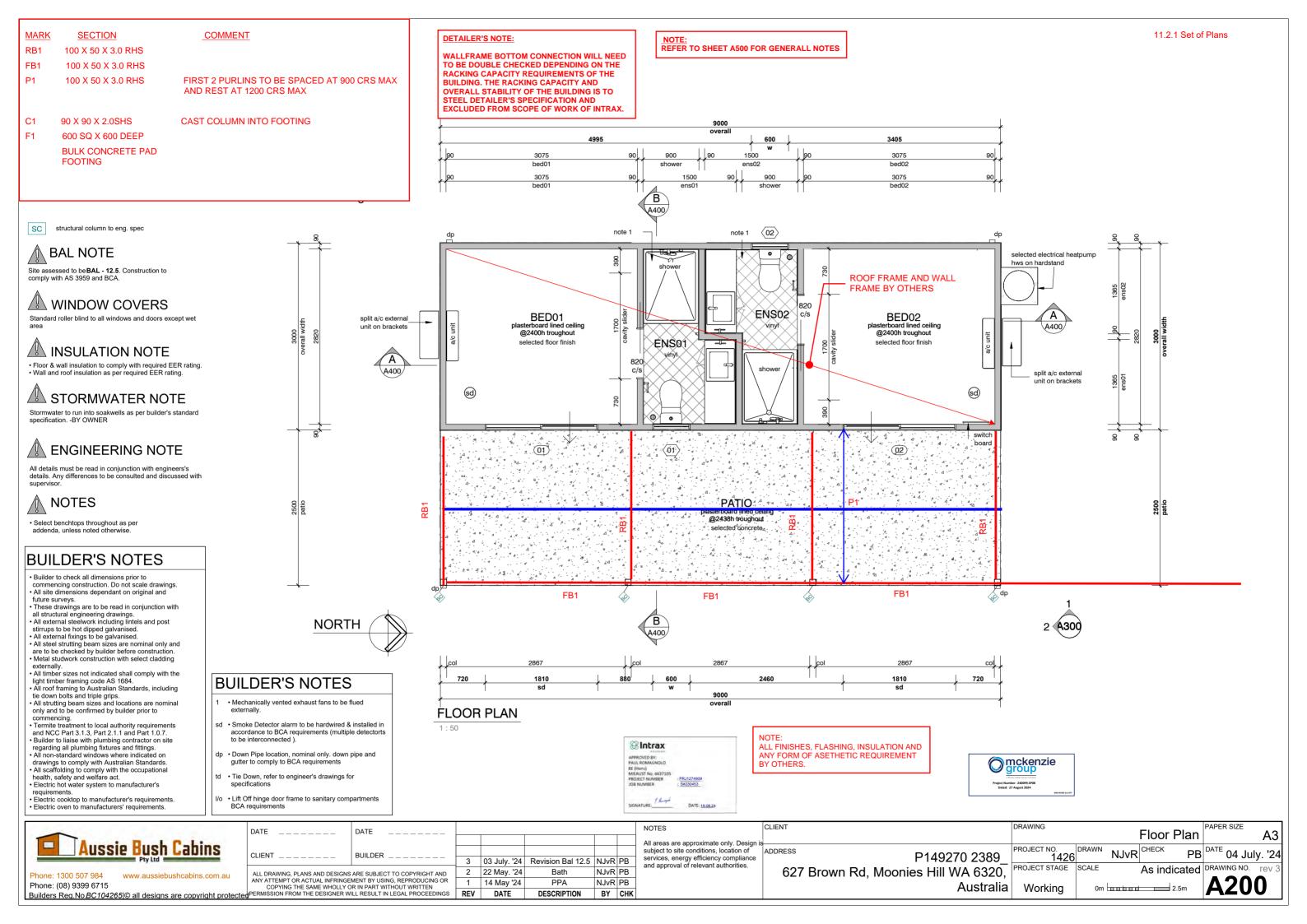
CLIENT All areas are approximate only. Design subject to site conditions, location of services, energy efficiency compliance and approval of relevant authorities.

ADDRESS P149270 2389 627 Brown Rd, Moonies Hill WA 6320. Australia

Site Plan - Overall NJvR CHECK PROJECT NO. 1426 As indicated DRAWING NO. PROJECT STAGE SCALE Working 0m 10m

PB DATE 04 July. '24





DESIGN CRITERIA IN ACCORDANCE WITH AS1170.2:
IMPORTANCE 2
Vu=V 500=45 m/s
MS=1.0
Mt=1.0
Mt=1.0
Mzcat=0.91
REGION A CAT 2.0
V serviceability=37 m/s

DESIGN CRITERIA IN ACCORDANCE WITH AS1170.4:
PROBABILITY P = 1/500 (TABLE 3.1)
KP = 1.0 (TABLE 3.1)
SITE HAZARD FACTOR Z ALLOWED = 0.09 (FIGURE 3.2(C))
EARTHQUAKE DESIGN CATEGORY =DOMESTIC AS PER APPENDIX A

FOR RESIDENTIAL AND COMMERCIAL BUILDINGS (CLAUSE 2.3.2):

1. SERVICEABILITY PRESSURE
GENERAL – 840 Pa, UP TO 840 mm FROM CORNER - 900 Pa

2. ULTIMATE STRENGTH PRESSURE
GENERAL – 1230 Pa, UP TO 840 mm FROM CORNER - 1307 Pa

3. WATER PENETRATION RESISTANCE TEST PRESSURE
NON-EXPOSED – 150 Pa, EXPOSED – 200 Pa





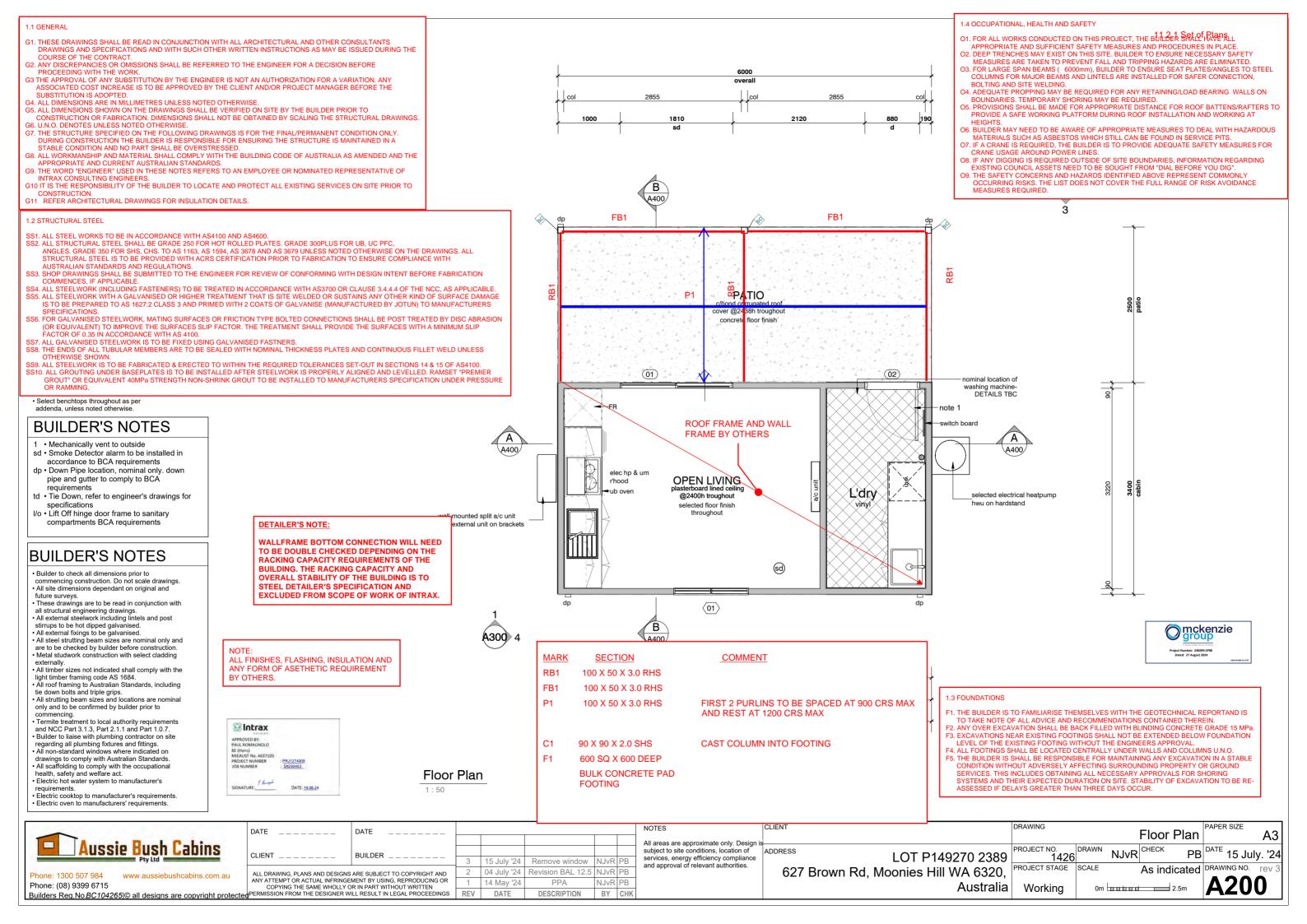
SHEET LIST										
		Sheet Name	Stage	Ву	Date	Rev				
Α	000	Cover Sheet	Working	NJvR	15 July. '24	3				
Α	100	Site Plan - Overall	Working	NJvR	15 July. '24	3				
Α	101	Site Plan - Part	Working	NJvR	15 July. '24	3				
Α	200	Floor Plan	Working	NJvR	15 July. '24	3				
Α	300	Elevations	Working	NJvR	15 July. '24	3				
Α	400	Sections	Working	NJvR	15 July. '24	3				
Α	500	Electrical Layout	Working	NJvR	15 July. '24	3				
Α	600	Kitchen & Bath Layout	Working	NJvR	15 July. '24	3				
Α	700	Door & Window Schedule	Working	NJvR	15 July. '24	3				

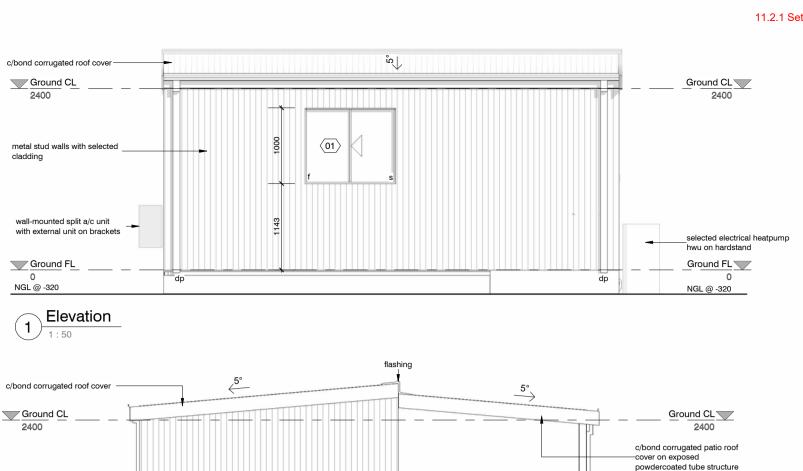
**⊗**Intrax APPROVED BY:
PAUL ROMAGNOLO
BE (Hons)
MIEAUST No. 4637105
PROJECT NUMBER
JOB NUMBER DATE: 19.08.24

NOTE: ALL FINISHES, FLASHING, INSULATION AND ANY FORM OF ASETHETIC REQUIREMENT BY OTHERS.

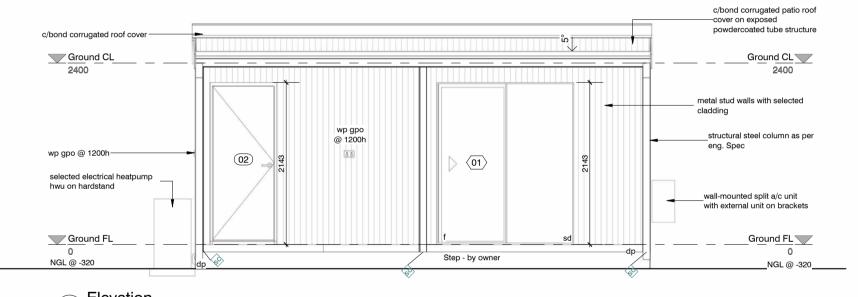


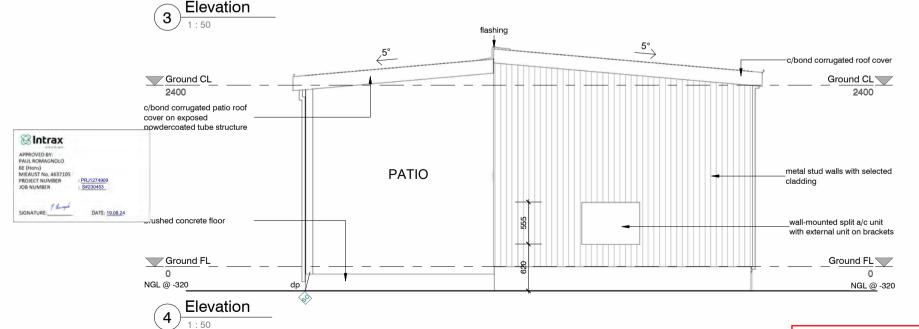
	NOTES	Design is subject to site						CLIENT			
Aussie Bush Cabins	All areas are approximate only. Design is subject to site conditions, location of services, energy efficiency compliance and approval of relevant authorities.							ADDRESS 627 E	Brown Rd, M		T P149270 2389 A 6320, Australia
Phone: 1300 507 984 www.aussiebushcabins.com.au								DRAWING	•		PROJECT NO.
Phone: (08) 9399 6715									C	over Sheet	1426
Builders Reg.No. BC104265 © all designs are copyright protected	d						_	PAPER SIZE A 2	DRAWN	CHECK	DATE 15 July. '24
ALL DRAWING. PLANS AND DESIGNS ARE SUBJECT TO COPYRIGHT	DATE	DATE	3	15 July '24	Remove window	NJvR F	РΒ	A3	NJvF	R PE	3 13 July. 24
AND ANY ATTEMPT OR ACTUAL INFRINGEMENT BY USING, REPRODUCING OR COPYING THE SAME WHOLLY OR IN PART	DATE	DATE	2	04 July '24	Revision BAL 12.5	NJvR F	РΒ	PROJECT STAGE	SCALE		DRAWING NO. rev 3
WITHOUT WRITTEN PERMISSION FROM THE DESIGNER WILL RESULT	CLIENT BUILDER		1	14 May '24	PPA	NJvR F	РΒ	Morking	0		$\bot$ $\land$ $\land$ $\land$ $\land$
IN LEGAL PROCEEDINGS		BUILDER	REV	DATE	DESCRIPTION	BY (	CHK	Working	0m		AUUU





Ground CL powdercoated tube structure wp gpo @ 1200h metal stud walls **PATIO** structural steel column as per 88 cladding eng. Spec -brushed concrete floor Ground FL Ground FL Step - by owner 0 NGL @ -320 NGL @ -320 Elevation selected electrical heatpump 2 hwu on hardstand 1:50





• Subfloor spacing to comply with NCC 3.4.1.2.

Builder to ensure ground level is suitably graded away from footings to avoid undue dampness to I-beams.

• Step in accordance with NCC 3.9.1.6.

mckenzie group

ALL FINISHES, FLASHING, INSULATION AND ANY FORM OF ASETHETIC REQUIREMENT

Aussie Bush Cabins	Pty Ltd and approval of relevant authorities.							Brown Rd, M	loonies Hill W	T P149270 2389 A 6320, Australia
Phone: 1300 507 984 www.aussiebushcabins.com.au Phone: (08) 9399 6715							DRAWING		Elevations	PROJECT NO. 1426
Builders Reg.No. BC104265 © all designs are copyright protected	· ·						PAPER SIZE A3	DRAWN	CHECK	DATE 15 July 124
ALL DRAWING, PLANS AND DESIGNS ARE SUBJECT TO COPYRIGHT	DATE DATE		3	15 July '24	Remove window	NJvR PB	A3	NJvF	R PB	15 July. '24
AND ANY ATTEMPT OR ACTUAL INFRINGEMENT BY USING, REPRODUCING OR COPYING THE SAME WHOLLY OR IN PART	DATE DATE		2	04 July '24	Revision BAL 12.5	NJvR PB	PROJECT STAGE	SCALE	1 : 50	DRAWING NO. rev 3
WITHOUT WRITTEN PERMISSION FROM THE DESIGNER WILL RESULT IN LEGAL PROCEEDINGS	CLIENT BUILDER		1 REV	14 May '24	PPA DESCRIPTION	NJvR PB	→ \/\/orkina	0m	2.5m	A300