# DEVELOPMENT APPLICATION SUBMISSION FOR:

102 & 106 HILLCREST AVE

SOUTH NOWRA, NSW, 2541

# **REFER TO PLANS IN CONJUNCTION WITH FOLLOWING DOCUMENTS:**

- ACCESS REPORT AI-CONSULTING
- ACOUSTIC REPORT NORTHROPARBORIST REPORT ARBOR EXPRESS
- BCA COMPLIANCE REPORT AI-CONSULTING
- BYDA DOCUMENTS
- CIVIL & STORMWATER PLANS EPICENTRE
- CONTAMINATION REPORT REDITUS
- ECOLOGICAL/ FLORA AND FAUNA ASSESSMENT REPORT NARLA
  GEOTECHNICAL ASSESSMENT REPORT TERRA INSIGHT
- LANDSCAPE DESIGN COLA
- PLANNING REPORT (SEE) CLARON CONSULTING
- QUANTITY SURVEYOR WT
- SECTION J REPORT INTEGRECO
- SURVEYOR KEATLEY SURVEYORS
- TRAFFIC IMPACT REPORT PTCWASTE MANAGEMENT PLAN LID CONSULTING

# NOTES

DEVELOPMENT TO BE IN ACCORDANCE WITH ALL SECTION J REQUIREMENTS. ALL NEW DOORS AND WINDOWS TO BE IN ACCORDANCE WITH SECTION J AND NCC FALL PREVENTION REQUIREMENTS.

DRAWING SCHEDULE

DWG # TITLE

REV DATE





Papesch Architecture Pty Ltd ABN 57 632 565 989 | Nominated Architect Lisa Papesch Reg No.7275

South Coast | 02 4236 0434 | Sydney | 02 9360 3787 | info@papesch.com.au | papesch.com.au

REV	DATE	DESCRIPTION	B
А	30.05.2024	DEVELOPMENT APPLICATION	
В	11.06.2024	DEVELOPMENT APPLICATION REV B	L

Notes
1. Check all dimensions or
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to comply with relevant Au
Construction Code. / 4. Th
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on site. / 2. Written dimensions take caled from drawings. / 3. All works Justralian Standards and the National	Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address:	Client: UNCEDED PT
This drawing is subject to copyright of Papesch Architecture Pty Ltd.	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC



				-
חדו א	Drawing COVF		Date Printed:	11/6/2024
			Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status:	DEVELOPMENT APPLICATION REV B	Drawing No:	00.01
				FILE NAME: 22-BC_DA, GUDJAGA GUNYAHLAMA



LOCATION MAP 1:2000



LEP MAP RIPARIAN LAND & WATERWAYS CATEGORY 2 WATERWAY IDENTIFIED ON SITE



NO BUSHFIRE APPLICABLE TO SITE





LEP MAP FLOOR SPACE RATIO NO NUMERICAL CONTROL APPLICABLE



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- REVDATEDESCRIPTIONBYA30.05.2024DEVELOPMENT APPLICATIONLPB11.06.2024DEVELOPMENT APPLICATION REV BLPImage: Development application revenueLP1. Check all dimensions on site.<br/>precedence over those scaled fr
  - precedence over those scaled fr to comply with relevant Australia Construction Code. / 4. This dra and remains the property of Pap



**LEP MAP MINIMUM LOT SIZE** MINIMUM LOT SIZE 500m<sup>2</sup> REQUIRED FOR SUBDIVISION



LEP MAP TERRESTRIAL BIODIVERSITY NO TERRESTRIAL BIODIVERTY APPLICABLE



MAXIMUM BUILD HEIGHT PERMITTED = 11mREF. SLEP 2014 CLAUSE 4.3 (2A)



LEP MAP ACID SULPHATE SOILS CLASS 5 ACID SULPHATE SOIL

from drawings. / 3. All works lian Standards and the National rawing is subject to copyright	e. / <b>2.</b> Written dimensions take	N					Date Printed:	11/6/2024
	from drawings. / <b>3</b> . All works lian Standards and the National		A1:         0         20         40         60         80         120         160           A3:         0         40         80         120         160         240         320	GUNYAHLAMAI Address:		DOF AND LEF ANALISIS	Rev:	Α
Appendix And appendix of the constraint of the c	rawing is subject to copyright apesch Architecture Pty Ltd.		SCALE @A1 - 1:2000 @A3 - 1:4000	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	10.01

# PROJECT DEVELOPMENT DATA: 102 & 106 HILLCREST AVE

SOUTH NOWRA, NSW, 2541

SITE AREA: 2.0083ha RIPARIAN WATERWAYS: CAT. 2 WATERWAY ZONE: R1 GENERAL RESIDENTIAL MIN. SUBDIVISION LOT SIZE: 500m<sup>2</sup> MAX. BUILDING HEIGHT: 11m HERITAGE: NA FLOOR SPACE RATIO: 0.5:1 (SDCP CH. G12) MIN SETBACKS\*: FRONT: 7.5m SIDE: 3.5m REAR: 3m (AVERAGE)

TERRESTRIAL BIODIVERSITY: NA ACID SULPHATE SOILS: CLASS 5 BUSHFIRE PRONE: NA FLOOD PRONE: NA

NOTE:

\* SETBACKS ARE REFERENCED FROM SHOALHAVEN DEVELOPMENT CONTROL PLAN 2014, *CHAPTER G12 TABLE* 2: SETBACKS IN THE R1, R2 (< 2000m2), R3, RU5 AND SP3 ZONES







Papesch Architecture Pty Ltd ABN 57 632 565 989 | Nominated Architect Lisa Papesch Reg No.7275

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REVDATEDESCRIPTIONA30.05.2024DEVELOPMENT APPLICATIONB11.06.2024DEVELOPMENT APPLICATION REV B

BY Notes LP 1. Check all dimensions on site. LP precedence over those scaled f to comply with relevant Australia Construction Code. / 4. This dra

Notes         1. Check all dimensions on site. / 2. Written dimensions take         precedence over those scaled from drawings. / 3. All works         to comply with relevant Australian Standards and the National	SCALE BAR           A1: 0         50         100         150         200         300         400           A3: 0         100         200         300         400         600         800	Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address:	Client: UNCEDED PTY
Construction Code. / 4. This drawing is subject to copyright and remains the property of Papesch Architecture Pty Ltd.	SCALE @A1 - 1:5000 @A3 - 1:10000	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC

# PROJECT DEVELOPMENT DATA: 102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541





		Date Printed:	11/6/2024
		Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	10.02







VIEW B



**VIEW C** 



VIEW D



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V	DATE	DESCRIPTION	BY	<b></b> .
	30.05.2024	DEVELOPMENT APPLICATION	LP	Notes
	11.06.2024	DEVELOPMENT APPLICATION REV B	LP	<ol> <li>Check all dimensions on site</li> </ol>
	I			precedence over those scaled
				to comply with relevant Austral
				Construction Code. / 4. This d



<b>Notes</b> <b>1.</b> Check all dimensions on site. / <b>2.</b> Written dimensions take precedence over those scaled from drawings. / <b>3.</b> All works to comply with relevant Australian Standards and the National Construction Code. / <b>4.</b> This drawing is subject to copyright and remains the property of Papesch Architecture Pty Ltd.	N	SCALE BAR         A1: 0       10       20       30       40       60       80         A3: 0       20       40       60       80       120       160         SCALE @A1 - 1:1000       @A3 - 1:2000	Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address: 102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Client: <b>UNCEDED PTY I</b> Project No: 22-BC
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VIEW E





VIEW G



VIEW H



LTD	Drawing	Title:	Date Printed:	11/6/2024
			Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status:	DEVELOPMENT APPLICATION REV B	Drawing No:	10.03



	WELLBEING	ABONIGINAL CONFOR	ATION
חדו א	Drawing Title:	Date Printed:	11/6/2024
		Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	10.04
	·		FILE NAME: 22-BC_DA_GUDJAGA GUNYAHLAN



	Drawing Title:	Date Printed:	11/6/2024
		Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	10.05





site. / 2. Written dimensions take aled from drawings. / 3. All works stralian Standards and the National	Z	SCALE BAR A1: 0 5 10 12 20 30 4 A3: 0 10 20 30 40 60 8	Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address:	Client: UNCEDED PT
is drawing is subject to copyright f Papesch Architecture Pty Ltd.		SCALE @A1 - 1:500 @A3 - 1:1000	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC

	WEEDENG		
סדוע	Drawing Title:	Date Printed:	11/6/2024
		Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	11.10
			FLE NAME: 22-BC_DA_GUDJAGA GUNYAHLAMA



	TREE REMO	/AL SCHEDUL	.E			TREE REMO'	AL SCHEDULE			TREE REMO	VAL SCHEDUL	E		TREE REMOVAL SCI	HEDULE	TREE SETOUT FROM SIDE
۲re	ee Botanical Name D (Common Name)	Height (m)	Canopy (m)	DBH (mm)	DAB (mm)	Tree Botanical Name ID (Common Name)	Height (m)	Canopy (m)	DBH (mm) DAB (mm)	Tree Botanical Name ID (Common Name)	Height (m)	Canopy (m) DBH (m	nm) DAB (mm)	Tree Botanical Name ID (Common Name) Heig	ht (m) Canopy (m) DBH (mm) DAB (mm)	<b>(EAST) BOUNDARY mm</b> T43 - 9,200
to.	Corymbia maculata (Spotted Gum)	16	10	395 / 452	519	T49 Corymbia maculata (Spotted Gum)	17 5	20	04 229	T86 Corymbia maculata (Spotted Gum)	16	7 280	309	T149 Corymbia maculata (Spotted Gum) 14	3 134 150	T44 - 8,900 T45 - 6,900 T46 - 5,050
Το	2 Corymbia maculata (Spotted Gum)	15	6	229	258	T50 Corymbia maculata (Spotted Gum)	16 4	1	53 166	T88 Corymbia maculata (Spotted Gum)	20	12 516	583	T150 Corymbia maculata (Spotted Gum) 19	6 293 309	T47 - 3,600 T48 - 5,950
το	3 Corymbia maculata (Spotted Gum)	16	5	261	331	T51 Corymbia maculata (Spotted Gum)	18 5	22	29 264	Corymbia maculata (Spotted Gum)	19	10 455	503	T151 Corymbia maculata (Spotted Gum) 19	6 315 341	T49 - 6,950 T50 - 8,100 T54 - 16,700
TO4	4 Corymbia maculata (Spotted Gum)	15	4	178	229	T52 Corymbia maculata (Spotted Gum)	15 2	1	02 121	T94 Corymbia maculata (Spotted Gum)	19	8 420	446	T152 Corymbia maculata (Spotted Gum) 18	5 264 293	T55 - 17,700 T56 - 18,650
τ1:	3 Corymbia maculata (Spotted Gum)	17	5	264	293	T53 Corymbia maculata (Spotted Gum)	18 6	29	93 344	T95 Corymbia maculata (Spotted Gum)	17	8 271	296	T153 Corymbia maculata (Spotted Gum) 20	10 385 411	T57 - 20,400 T58 - 20,650 T59 - 26,650
	7 Corymbia maculata (Spotted Gum)	17	8	166 / 427	500	T54 Corymbia maculata (Spotted Gum)	18 5	20	64 283	T100 Corymbia maculata (Spotted Gum)	18	4 232	258	T154 Corymbia maculata (Spotted Gum) 19	6 283 309	T60 - 26,350 T61 - 19,000
T1	8 Corymbia maculata (Spotted Gum)	18	7	455	497	T55 Corymbia maculata (Spotted Gum)	17 5	3:	25 357	Corymbia maculata (Spotted Gum)	18	10 376	398	T155 Corymbia maculata (Spotted Gum) 18	6 201 131	T64 - 14,800 T65 - 3,650
T1	9 Corymbia maculata (Spotted Gum)	12	5	197	232	T56 Corymbia maculata (Spotted Gum)	18 4	20	04 229	Corymbia maculata (Spotted Gum)	17	9 325 / 17	<b>'</b> 2 484	T159 Corymbia maculata (Spotted Gum) 17	9 261 277	T66 - 3,400 T67 - 3,100 T68 - 2,350
	0 Corymbia maculata (Spotted Gum)	17	6	385	408	T57 Corymbia maculata (Spotted Gum)	15 5	1:	85 207	T105 Corymbia maculata (Spotted Gum)	12	7 217	248 5	T178 Corymbia maculata (Spotted Gum) 18	7 293 315	T69 - 4,100 T70 - 4,850
	1 Corymbia maculata (Spotted Gum)	15	5	185 / 134	312	T58 Corymbia maculata (Spotted Gum)	16 5	1	97 223	T106 Corymbia maculata (Spotted Gum)	14	5 213	303	T179 Corymbia maculata (Spotted Gum) 18	13 497 455	T71 - 14,050 T72 - 15,900 T73 - 13,900
	2 Corymbia maculata (Spotted Gum)	18	4	592	618	T59 Corymbia maculata (Spotted Gum)	12 4	1	11 143	T107 Corymbia maculata (Spotted Gum)	16	3 232	261	T180 Corymbia maculata (Spotted Gum) 20	14 487 / 347 583	T74 - 12,800 T75 - 13,600
	3 Corymbia maculata (Spotted Gum)	17	6	264	293	T60 Corymbia maculata (Spotted Gum)	17 7	29	93 322	T108 Corymbia maculata (Spotted Gum)	15	5 217	245	Corymbia maculata (Spotted Gum) 19	10 420 446	T76 - 14,200 T77 - 16,150 T78 - 15,400
T24	4 Corymbia maculata (Spotted Gum)	11	6	217	239	T61 Corymbia maculata (Spotted Gum)	16 3	1:	34 153	T109 Corymbia maculata (Spotted Gum)	18	5 322	328	T182 (Prickly-leaved 15	7 427 408	T79 - 15,950 T80 - 18,000 T81 - 13,650
T2!	5 Corymbia maculata (Spotted Gum)	8	7	230	240	T62 Corymbia maculata (Spotted Gum)	15 2	1.	40 166	T110 Corymbia maculata (Spotted Gum)	19	7 306 / 34	4 427	Control     Paperbark)       Image: Control     Melaleuca styphelioides       Image: Control     T183       Image: Control     T16	5 293 315	T82 - 3,300 T83 - 4,000
T20	6 Corymbia maculata (Spotted Gum)	15	5	290	312	T63 Corymbia maculata (Spotted Gum)	15 2	1:	37 162	T111 Corymbia maculata (Spotted Gum)	19	7 420	446	paperbark)       Image: Constraint of the state of the st	5 287 309	T84 - 3,700 T85 - 3,150 T86 - 1,800
	7 Eucalyptus eugenioides (Thin-leaved stringybark	) 10	4	108	134	T64 Corymbia maculata (Spotted Gum)	14 2	1	43 169	T112 Corymbia maculata (Spotted Gum)	11	5 134	162	T185 Eucalyptus eugenioides (Thin-leaved stringybark) 15	6 217 143	T88 - 27,000 T89 - 15,100
	Melaleuca styphelioides 8 (Prickly-leaved	14	6	207 / 166 / 261	, 392	T65 Corymbia maculata (Spotted Gum)	14 4	1:	37 156	T113 Corymbia maculata (Spotted Gum)	15	6 185	207	T186 Corymbia maculata (Spotted Gum) 17	5 236 258	T105 - 14,650 T106 - 12,750 T107 - 12.700
T29	9 Eucalyptus eugenioides (Thin-leaved stringybark	) 17	10	360 / 312	452	T66 Corymbia maculata (Spotted Gum)	18 6	3	12 331	T114 Eucalyptus eugenioides (Thin-leaved stringybar)	s k) 10	4 134	150	T187 Corymbia maculata (Spotted Gum) 13	4 178 201	T108 - 10,350 T109 - 7,850
	0 Corymbia maculata	17	4	229	248	T67 Corymbia maculata (Spotted Gum)	18 5	23	39 261	T115 Corymbia maculata (Spotted Gum)	16	5 121	150	T188 Corymbia maculata (Spotted Gum) 18	12 392 417	T110 - 15,200 T111 - 10,700 T112 - 13,100
T3	Eucalyptus eugenioides (Thin-leaved stringybark	) 11	3	121	134	T68 Corymbia maculata (Spotted Gum)	17 8	2	83 312	Till6 Corymbia maculata (Spotted Gum)	17	10 325	328	Melaleuca styphelioides (Prickly-leaved 15	6 268 293	T113 - 15,150 T114 - 16,550 T116 - 26,600
T32	2 Corymbia maculata	18	6	261	290	T69 Corymbia maculata (Spotted Gum)	13 5	1:	34 156	T117 Corymbia maculata (Spotted Gum)	12	6 166 / 13	34 408	T190 Corymbia maculata (Spotted Gum) 17	10 344 366	T117 - 21,550 T119 - 27,800
T3	Corymbia maculata	12	3	143	166	T70 Corymbia maculata (Spotted Gum)	18 6	23	39 268	T118 Eucalyptus eugenioides	s k) 13	7 300	400	Tt92 Eucalyptus eugenioides Tt92 (Thin-leaved stringybark) 16	10 328 / 166 417	T120 - 21,550 T121 - 20,700 T122 - 19,250
T34	4 Corymbia maculata	18	5	271	229	T71 Corymbia maculata (Spotted Gum)	18 6	2	77 306	T119 (Spotted Gum)	19	6 306	344 7	T193 Corymbia maculata (Spotted Gum) 11	5 356 402	T124 - 17,800 T129 - 30,500
T3:	5 Corymbia maculata	10	4	166	185	T72 Corymbia maculata (Spotted Gum)	17 5	2:	39 268	T120 Corymbia maculata (Spotted Gum)	20	10 420	462			T133 - 5,200 T134 - 3,650 T145 - 6,900
<b>T</b> 36	6 Corymbia maculata (Spotted Gum)	18	5	280	303	T73 Corymbia maculata (Spotted Gum)	17 5	1	72 213	T121 Corymbia maculata (Spotted Gum)	19	8 325 / 12	21 385	TREE SETOUT FROM FRONT	TREE SETOUT FROM SIDE	T148 - 15,900 T149 - 14,850 T150 - 17 150
	7 Corymbia maculata	12	3	121	143	T74 Corymbia maculata (Spotted Gum)	14 3	1:	34 150	T122 Corymbia maculata (Spotted Gum)	17	3 178	197	(NORTH) BOUNDARY mm	(WEST) BOUNDARY mm	T150 - 17,150 T151 - 19,250 T152 - 20,350
T38	8 Corymbia maculata (Spotted Gum)	18	4	217	232	T75 Corymbia maculata (Spotted Gum)	17 4	20	04 232	T123 Corymbia maculata (Spotted Gum)	17	5 248	271	T01 - 230 OUTSIDE THE BOUNDARY T02 - 750 OUTSIDE THE BOUNDARY T03 - 1.950 OUTSIDE THE BOUNDARY	T178 - 42,550 T179 - 47,950 T180 - 38,350	T153 - 23,800 T154 - 24,900 T155 - 25,850
	9 Corymbia maculata (Spotted Gum)	14	3	121	134	T76 Corymbia maculata (Spotted Gum)	18 5	20	64 229	T124 Corymbia maculata (Spotted Gum)	18	5 309	338	T04 - 500 OUTSIDE THE BOUNDARY T13 - 8,000	T181 - 39,450 T182 - 30,650	T159 - 33,450
ζ, Τ40	0 Corymbia maculata (Spotted Gum)	14	3	134	153	T77 Corymbia maculata (Spotted Gum)	13 6	3	00 340	T125 Corymbia maculata (Spotted Gum)	17	6 197 / 26	34 344	T17 - 24,000 T18 - 26,000 T19 - 28,000	T183 - 32,100 T184 - 35,750 T185 - 44,450	EXTRACT FROM ECOLOGIST REPORT BY NARLA:
<b>T</b> 4	1 Corymbia maculata (Spotted Gum)	15	2	121	143	Corymbia maculata (Spotted Gum)	15 5	28	80 310	T128 Corymbia maculata (Spotted Gum)	17	5 178	207	T20 - 33,350 T21 - 37,350 T22 - 32,750	T186 - 45,100 T187 - 53,600 T188 - 42,600	approximately 0.66ha of Zone 1: PCT 3269 (Moderate Condition) well as 0.12ha of Exotic Dominated Grassland.
	2 Corymbia maculata (Spotted Gum)	16	2	137	162	T79 Corymbia maculata (Spotted Gum)	18 7	2	80 312	T129 Corymbia maculata (Spotted Gum)	17	11 401	430	T23 - 38,550 T24 - 44,700	1100 - 42,000	This SBDAR has been prepared as a site-based 'Streamlined assessment module – small area development that requires consent' as the proposed works do not exceed the area clearing threshold for small area developments as outlined in the BAM
 ζ	3 Corymbia maculata (Spotted Gum)	16	3	143	166	T80 <sup>-</sup> Corymbia maculata (Spotted Gum)	12 5	1:	53 178	T130 Corymbia maculata (Spotted Gum)	18	4 248	312	T25 - 56,200 T26 - 48,750 T27 - 51,150		
T4	Corymbia maculata	16	2	121	137	T81 Corymbia maculata (Spotted Gum)	16 5	24	42 277	T131 Eucalyptus eugenioides	s k) 16	7 293	315	T28 - 55,200 T29 - 7,500		SCHEDULES & REPORTS FOR ADDITIONAL INFORMATION.
	Corymbia maculata	18	12	420 / 166	484	T82 Corymbia maculata	17 6	2	71 137	T132 Corymbia maculata	19	7 261	287	130 - 6,800   T31 - 6,600   T32 - 6.550		2. ALL EXISTING SERVICES TO BE LOCATED ON SITE PRIOR TO WORKS BEGINNING. 3. READ IN CONJUNCTION WITH 13 01 FOR TREE
The second second	6 Corymbia maculata	12	5	137 / 121	248	T83 Corymbia maculata	17 5	20	64 293	T134 Corymbia maculata	16	4 169 / 15	53 143	T33 - 6,550 T34 - 6,500		LOCATION ON SITE. 4. SOME TREES (OR PARTS OF TREES) DESIGNATED
The second secon	7 Corymbia maculata	18	10	392 / 121	427	T84 Corymbia maculata	11 6	1	97 134	T145 Corymbia maculata	19	4 248	271	T35 - 5,500 T36 - 6,800 T37 - 8,950		FOR REMOVAL ARE TO BE RETAINED BY WAMINDA FOR REUSE. HEAD CONTRACTOR AND TREE REMOVAL SUBCONTRACTOR ARE REQUIRED TO
	8 Corymbia maculata	18	5	229	264	T85 Corymbia maculata	18 9	3	09 334	T148 Corymbia maculata	18	7 121	344	T38 - 9,850 T39 - 8,100 T40 - 7,550		CONSULT WITH WAMINDA REPRESENTATIVE PRIOR TO TRIMMING, CUTTING OR REMOVAL OF ANY TREES
														T41 - 13,050 T42 - 18,250		Waminda 8
				RE	<b>EV DATE</b>	DESCRIPTION     BY       24     DEVELOPMENT APPLICATION     1 r	Notes						Project:	T193 - 3,050 Client:	Drawing	Title: Date Printed: 11/6/:
	APES	C	-	B	3 11.06.202	24 DEVELOPMENT APPLICATION REV B	1. Check all di precedence ov to comply with	limensions on over those scal h relevant Aus	site. / 2. Written dimensic led from drawings. / 3. All tralian Standards and the	ns take works National			BIRTHING OF GUNYAHLAM	N COUNTRY / GUDJAGA UNCEDED F 1AI	PTY LTD TREE	REMOVAL PLAN Rev:
Papesch Architecture Pty Ltd ABN South Coast   02 4236 0434   Sy	57 632 565 989   Nominated Arc ydney   02 9360 3787   info@pa	hitect Lisa Papes apesch.com.au	ch Reg No.727 papesch.com	5 n.au			Construction C and remains th	Code. / 4. Thi	s drawing is subject to co f Papesch Architecture Pt	byright / Ltd.			102 & 106 H	ILLCREST AVE VRA. NSW. 2541	Lot 72 DP 31078 & Lot 4 DP 561605 Status:	DEVELOPMENT APPLICATION REV B Drawing No: 13

А	30.05.2024	DEVELOPMENT APPLICATION
В	11.06.2024	DEVELOPMENT APPLICATION REV B



)24 02 REV B



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on site. / 2. Written dimensions take scaled from drawings. / 3. All works	
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I COUNTRY / GUDJAGA	Client: UNCEDED PTY	′ LTD	Drawing PROF	Title: POSED - ROOF PLAN	Date Printed:	11/6/2024
AI					Rev:	Α
LLCREST AVE /RA, NSW, 2541	Project No: 22-BC	Lot 72 DP 31078 & Lot 4 DP 561605	Status:	DEVELOPMENT APPLICATION REV B	Drawing No:	20.02



on site. / 2. Written dimensions take caled from drawings. / 3. All works Australian Standards and the National	SCALE BAR A1: 0 2 4 6 8 12 A3: 0 4 8 12 16 24	16 32	Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address:	Client: UNCEDED PTY LTD		
This drawing is subject to copyright of Papesch Architecture Pty Ltd.	SCALE @A1 - 1:200 @A3 - 1:400		102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC	Lot 7 & Lot	

		EXTERNAL FINISHES SCHEDULE
	CODE	MATERIAL / FINISH
	BK01	RENDERED BLOCKWORK
	CL01	HARDWOOD TIMBER CLADDING
	CL02	HARDWOOD TIMBER BATTENS
	CL03	TIMBER BOARD & BATTEN CLADDING
	DP	DOWN PIPE, TO MATCH CB 'JASPER'
	FN01	TIMBER FENCE
	MS01	METAL WALL SHEETING, COLOUR TBC
	PERGOLA	
	RF01	METAL ROOF SHEETING, CB 'EVENING HAZ
	RM01	RAMMED EARTH WALL
	SC	POWDER COATED PERFORATED SCREEN
	TR01	TRANSLUCENT CLADDING PANEL
	REFER <sup>-</sup>	TO DRAWING 80.01 - MATERIALS & FINISHES
		HE
FN01	-RM01	R.L. 39,950
		J
-RM01		
B.L. 38,950		
	FLO BL	OR LEVEL 0 34,450 W28 W28 W27
	EXISTING GROUND LINE AT	
		Wamindas
		WAMINDA - SOUTH COAST WOMEN'S HEALTH AND WELLBEING ABORIGINAL CORPORATION
		Date Printed: 11/6/202
	AHUNS	Rev:

Lot 72 DP 31078 & Lot 4 DP 561605	Status:	DEVELOPMENT APPLICATION REV B	Drawing No:	30.01
				FILE NAME: 22-80, DA, GUDINGA GUNYAHLAMA

![](_page_13_Figure_0.jpeg)

![](_page_13_Picture_1.jpeg)

![](_page_13_Figure_2.jpeg)

on site. / 2. Written dimensions take scaled from drawings. / 3. All works Australian Standards and the National This drawing is subject to copyright ty of Papesch Architecture Pty Ltd.	SCALE BAR A1: 0 2 4 6 8 12 16 A3: 0 4 8 12 16 24 32	Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address:	Client: UNCEDED PT
	SCALE @A1 - 1:200 @A3 - 1:400	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC

	EXTERNAL FINISHES SCHEDULE
CODE	MATERIAL / FINISH
ВК01	RENDERED BLOCKWORK
CL01	HARDWOOD TIMBER CLADDING
CL02	HARDWOOD TIMBER BATTENS
CL03	TIMBER BOARD & BATTEN CLADDING
DP	DOWN PIPE, TO MATCH CB 'JASPER'
FN01	TIMBER FENCE
MS01	METAL WALL SHEETING, COLOUR TBC
PERGOLA	
RF01	METAL ROOF SHEETING, CB 'EVENING HAZE'
RM01	RAMMED EARTH WALL
SC	POWDER COATED PERFORATED SCREEN
TR01	TRANSLUCENT CLADDING PANEL
REFER <sup>-</sup>	TO DRAWING 80.01 - MATERIALS & FINISHES

![](_page_13_Picture_6.jpeg)

סדו אד	Drawing Title:	Date Printed:	11/6/2024
		Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	31.01

				WIND	OOW SCHEDULE							WINE	DOW SCHEDULE		
ID	ROOM NAME		FRAME	NOMINAL W x H SIZE	WINDOW NOMINAL HEAD HEIGHT	WINDOW NOMINAL SILL HEIGHT	EXTERNAL ELEVATION	ID	ROOM NAME	WINDOW TYPE	FRAME	NOMINAL W x H SIZE	WINDOW NOMINAL HEAD HEIGHT	WINDOW NOMINAL SILL HEIGHT	EXTERNAL ELEVATION
W01	NABU ENTRY	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	<u> </u>	W29	B04 ENSUITE	LOUVRE, 152 MM BLADE	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	800×2,700	2,700	0	
W02	NABU OFFICE AREA	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100		W30	BIRTHING SPACE 03 / FLEXIBLE USE	, BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W03	NABU OFFICE AREA	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100		W30	BIRTHING SPACE 03 / FLEXIBLE USE	, BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W04	TEAM LEADER & INTAKE OFFICE	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100		W30	BIRTHING SPACE 03 / FLEXIBLE USE	, BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W05	EXECUTIVE MANAGER'S OFFICE	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100		W31	B02 ENSUITE	LOUVRE, 152 MM BLADE	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	800×1,950	2,700	750	
W06	NABU OFFICE AREA	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	800×1,800	2,700	900		W32	BIRTHING SPACE 02	BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W07	NABU MEETING ROOM	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,000×600	2,700	2,100	← - ¬	W32	BIRTHING SPACE 02	BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W08	ENTRY - EAST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	2,700	0		W32	BIRTHING SPACE 02	BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W09	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	2,700	0		W33	B01 ENSUITE	LOUVRE, 152 MM BLADE	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	800×2,700	2,700	0	
W10	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	2,700	0		W34	BIRTHING SPACE 01	BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W11	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W34	BIRTHING SPACE 01	BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W12	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W34	BIRTHING SPACE 01	BANK OF 3; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W13	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W35	BIRTHING SPACE 01	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,000×600	2,700	2,100	— − ¬
W14	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W36	CORRIDOR	SLIDING; SUNHOOD OVER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,000×600	2,700	2,100	
W15	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W37	NEW PARENT / FAMILY SPACE	BANK OF 2; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W16	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W37	NEW PARENT / FAMILY SPACE	BANK OF 2; SIDE HUNG W/ EXTERNAL HINGED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0	
W17	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W38	NEW PARENT / FAMILY SPACE	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450	
W18	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W39	NEW PARENT / FAMILY AMENITIES	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450	
W19	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W40	CLIENT / FAMILY WAITING AREA & KITCHEN	SLIDING; SUNHOOD OVER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	
W20	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W41	OUTDOOR LANDSCAPED SPACE	SLIDING; SUNHOOD OVER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	← – ¬
W21	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W42	OUTDOOR LANDSCAPED SPACE	SLIDING; SUNHOOD OVER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	1,950	1,350	
W22	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W43	OUTDOOR LANDSCAPED SPACE	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	
W23	RAMP	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,000×2,700	3,700	1,000		W44	OUTDOOR LANDSCAPED SPACE	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	1,800	1,200	≪
W24	NEO-NATAL RESUS. AREA	SLIDING; SUNHOOD OVE	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,000×600	2,700	2,100	r>	W45	ADMIN & TRANSPORT HOT DESK	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	1,800	1,200	бе
W25	CORRIDOR	SLIDING; SUNHOOD OVE	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,000×600	2,700	2,100		W46	CONSULT HUB - NON MEDICAL	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	бе
W26	CORRIDOR	SLIDING; SUNHOOD OVE	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,000×600	2,700	2,100		W47	CONSULT HUB - NON MEDICAL	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	
W27	BIRTHING SPACE 04	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,000×600	1,800	1,200	ф	W48	CONSULT HUB - TREATMENT	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	
W28	BIRTHING SPACE 04	BANK OF 3; SIDE HUNG EXTERNAL HINGED SHUTTER	W/ AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0		W49	CONSULT HUB - TREATMENT	SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,700×600	2,700	2,100	
W28	BIRTHING SPACE 04	BANK OF 3; SIDE HUNG EXTERNAL HINGED SHUTTER	W/ AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0		W50	CONSULT HUB - TREATMENT	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450	
W28	BIRTHING SPACE 04	BANK OF 3; SIDE HUNG EXTERNAL HINGED SHUTTER	W/ AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	2,700	0		W51	CONSULT HUB - TREATMENT	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450	

![](_page_14_Picture_1.jpeg)

BY Notes

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NOTE :

- ALL NEW DOORS AND WINDOWS TO BE IN ACCORDANCE WITH SECTION J AND NCC FALL PREVENTION REQUIREMENTS.

SKYLIGHTS NOT TO EXCEED 5% OF THE AREA OF THE ROOM OR SPACE SERVED, AS PER SECTION J REPORT

Client: Project: LP 1. Check all dimensions on site. / 2. Written dimensions take BIRTHING ON COUNTRY / GUDJAGA UNCEDED PTY precedence over those scaled from drawings. / 3. All works GUNYAHLAMAI to comply with relevant Australian Standards and the National Address: Construction Code. / 4. This drawing is subject to copyright 102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541 Project No: 22-BC and remains the property of Papesch Architecture Pty Ltd.

![](_page_14_Picture_10.jpeg)

	WELLBEING	ABORIGINAL CORPOR	ATION
	Drawing Title:	Date Printed:	11/6/2024
		Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	60.01
			FLE NAME: 22-80_DA, GUDUAGA GUNYAHLAMA

				WINDO	DW SCHEDULE	Γ				
ID	ROOM NAME	WINDOW TYPE	FRAME	NOMINAL W x H SIZE	WINDOW NOMINAL HEAD HEIGHT	WINDOW NOMINAL SILL HEIGHT	EXTERNAL ELEVATION			
W52	ABORIGINAL HEALTH PRACTITIONER'S HUB	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	150×2,550	2,850	300				
W53	ABORIGINAL HEALTH PRACTITIONER'S HUB	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
W54	ABORIGINAL HEALTH PRACTITIONER'S HUB	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
W55	PATIENT ARCHIVES / ADDITIONAL STATIONERY STORE	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
W56	PATIENT ARCHIVES / ADDITIONAL STATIONERY STORE	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	150×2,550	2,850	300				
W57	RECEPTION	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
W58	ENTRY - WEST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
W59	ENTRY - WEST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	150×2,550	2,850	300				
W63	ENTRY - WEST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	150×2,550	2,850	300				
W64	ENTRY - WEST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	150×2,550	2,850	300				
W65	ENTRY - WEST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
W66	ENTRY - WEST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
W69	ENTRY - WEST	FIXED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	500×2,250	2,700	450				
73										

![](_page_15_Picture_1.jpeg)

REV	DATE	DESCRIPTION
А	30.05.2024	DEVELOPMENT APPLICATION
В	11.06.2024	DEVELOPMENT APPLICATION REV B

BY Notes LP LP 1. Check all dimensions of precedence over those s to comply with relevant A Construction Code. / 4. and remains the property

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	PA SKYLIGHT SCHEDULE - CUSTOM								
ID	SKYLIGHT TYPE	FRAME	NOMINAL SIZE	AREA (m2)	PLAN VIEW				
SK01	FIXED; DOUBLE-GLAZED		CUSTOM SHAPE; REFER TO PLAN	2.50					
SK02	FIXED; DOUBLE-GLAZED		CUSTOM SHAPE; REFER TO PLAN	2.38					
SK03	FIXED; DOUBLE-GLAZED		CUSTOM SHAPE; REFER TO PLAN	2.24					
SK04	FIXED; DOUBLE-GLAZED		CUSTOM SHAPE; REFER TO PLAN	2.56					
SK05	FIXED; DOUBLE-GLAZED		900×900	0.81	$\bigcirc$				
SK06	FIXED; DOUBLE-GLAZED		900×900	0.81	$\bigcirc$				
SK07	FIXED; DOUBLE-GLAZED		900×900	0.81	$\bigcirc$				
SK08	FIXED; DOUBLE-GLAZED		900×900	0.81	$\bigcirc$				

# NOTE :

![](_page_15_Figure_9.jpeg)

				WELLOLI		AIION
on site. / 2. Written dimensions take	Project: BIRTHING ON COLINTRY / GLID. IAGA	Client:	ע ו דט	Drawing Title:	Date Printed:	11/6/2024
scaled from drawings. / <b>3.</b> All works Australian Standards and the National	GUNYAHLAMAI Address:				Rev:	Α
This drawing is subject to copyright y of Papesch Architecture Pty Ltd.	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC	Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	60.02
						FLE NAME: 22-80_DA, GURUAGA GUNYAHLAMA

- ALL NEW DOORS AND WINDOWS TO BE IN ACCORDANCE WITH SECTION J AND NCC FALL PREVENTION REQUIREMENTS. SKYLIGHTS NOT TO EXCEED 5% OF THE AREA OF THE ROOM OR SPACE SERVED, AS PER SECTION J REPORT

![](_page_15_Picture_13.jpeg)

				EXTERNAL DOOR SCH	EDULE		
ID	ROOM NAME	DOOR TYPE	FRAME	UNIT W X H SIZE	LEAF W x H SIZE	DOOR NOMINAL HEAD HEIGHT	EXTE
DE01	STAFF ENTRY	HINGED; HIGHLIGHT WINDOW	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,796×3,250	1,740×2,340	3,250	
DE02	STAFF ENTRY	HINGED W/ INTEGRATED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,800×2,400	1,800×2,400	2,400	
DE03	MSB ROOM	2 HOUR FIRE-RATED	2-HOUR FIRE-RATED	1,696×2,068	1,640×2,040	2,068	
DE04	EXIT	SOLID CORE HINGED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	976×2,068	920×2,040	2,068	
DE05	TRAINING ROOM	BANK OF 3; HINGED W/ INTEGRATED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	1,200×2,700	2,700	
DE05	TRAINING ROOM	BANK OF 3; HINGED W/ INTEGRATED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	1,200×2,700	2,700	
DE05	TRAINING ROOM	BANK OF 3; HINGED W/ INTEGRATED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	1,200×2,700	2,700	
DE06	ENTRY - EAST	GLAZED SLIDING; ALU. EXTERNAL FIN REVEAL	TIMBER FRAME	2,700×2,700	2,700×2,700	2,700	
DE07	RAMP	GLAZED HINGED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,020×2,700	1,020×2,700	2,700	
DE08	MULTI-PURPOSE SPACE / BIRTHING CLASSES	GLAZED SLIDING; SUNHOOD OVER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	3,600×2,700	3,600×2,700	2,700	
DE09	BIRTHING ENTRY	GLAZED SLIDING; ALU. EXTERNAL FIN REVEAL	TIMBER FRAME	2,700×2,700	2,700×2,700	2,700	
DE10	DIRTY UTILITY/ SOILED AREAS	SOLID CORE; HINGED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	956×2,700	956×2,700	2,700	
DE11	TRANSITION SPACE - AMBULANCE	SOLID CORE; HINGED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	956×2,700	956×2,700	2,700	
DE12	CORRIDOR	HINGED; SUNHOOD OVER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,800×2,700	1,800×2,700	2,700	
DE13	03 / 04 MIDWIFE	HINGED W/ INTEGRATED SHUTTER AND SIDE LIGHT	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,465×2,700	1,465×2,700	2,700	
DE14	CORRIDOR	HINGED W/ INTEGRATED SHUTTER; DOUBLE DOOR	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,197×2,700	1,197×2,700	2,700	
DE14	CORRIDOR	HINGED W/ INTEGRATED SHUTTER; DOUBLE DOOR	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,197×2,700	1,197×2,700	2,700	
DE15	01 / 04 MIDWIFE	HINGED W/ INTEGRATED SHUTTER	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,200×2,700	1,200×2,700	2,700	
DE16	CLIENT / FAMILY WAITING AREA & KITCHEN	GLAZED HINGED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	2,200×2,700	2,200×2,700	2,700	
DE17	OUTDOOR LANDSCAPED SPACE	GLAZED SLIDING	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	4,800×2,700	4,800×2,700	2,700	
DE18	CORRIDOR	GLAZED HINGED	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	900×2,700	900×2,700	2,700	
DE19	ENTRY - WEST	GLAZED SLIDING; ALU. EXTERNAL FIN REVEAL	TIMBER FRAME	2,700×2,700	2,700×2,700	2,700	
DE20	STAFF ENTRY	HINGED W/ INTEGRATED SHUTTERS TO MATCH CURTAIN WALL	AWS COMMERCIAL FRAME, SECTION SIZE T.B.A.	1,800×2,400	1,800×2,400	2,400	
DG01	DIRTY UTILITY/ SOILED AREAS			2,000×2,700	2,000×2,700	2,700	
DG02	TRANSITION SPACE - AMBULANCE			2,601×2,700	2,601×2,700	2,700	

# NOTE :

ALL NEW DOORS AND WINDOWS TO BE IN ACCORDANCE WITH SECTION J AND NCC FALL PREVENTION REQUIREMENTS.

- SKYLIGHTS NOT TO EXCEED 5% OF THE AREA OF THE ROOM OR SPACE SERVED, AS PER SECTION J REPORT

![](_page_16_Picture_4.jpeg)

REV	DATE	DESCRIPTION
А	30.05.2024	DEVELOPMENT APPLICATION
В	11.06.2024	DEVELOPMENT APPLICATION REV B

BY Notes LP LP 1. Check all dimensions or precedence over those so to comply with relevant A Construction Code. / 4.

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![](_page_16_Figure_8.jpeg)

			WELL	BEING ABORIGINAL CORPOR	RATION
Notes 1 Check all dimensions on site / 2 Written dimensions take				Date Printed:	11/6/2024
precedence over those scaled from drawings. / 3. All works to comply with relevant Australian Standards and the National	GUNYAHLAMAI Address:	UNCEDED PTY LID	EXTERNAL DOOR SCHEDULE	Rev:	Α
Construction Code. / 4. This drawing is subject to copyright and remains the property of Papesch Architecture Pty Ltd.	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	61.01
					FILE NAME: 22-BC_DA_GUDJAGA GUNYAHLAMA

![](_page_16_Picture_10.jpeg)

![](_page_17_Figure_0.jpeg)

his drawing is subject to copyright of Papesch Architecture Pty Ltd. SCALE @A1 - 1:500 @A3 - 1:1000 SOUTH NOWRA, NSW, 2541 Project No: 22-BC	n site. / 2. Written dimensions take caled from drawings. / 3. All works ustralian Standards and the National	SCALE BAR A1: 0 5 10 12 A3: 0 10 20 30	20 30 40 40 60 80	Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address:	Client: UNCEDED PT
	his drawing is subject to copyright of Papesch Architecture Pty Ltd.	SCALE @A1 - 1:500	@A3 - 1:1000	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC

![](_page_17_Figure_2.jpeg)

![](_page_17_Picture_3.jpeg)

חדוע	Drawing Title:	Date Printed:	11/6/2024
		Rev:	Α
Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	70.01

![](_page_18_Picture_0.jpeg)

#### integreco

C Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative	
	(4)For a Class 2 building or a Class 4 part of a building, <u>Performance Requirement NSW</u> <u>11P7</u> is satisfied by complying with—		
	<ul> <li><u>Part J6</u>, for <u>air-conditioning</u> and ventilation; and</li> <li><u>J8D2</u>, for heated water supply; and</li> </ul>		
	c. <u>1903</u> , for facilities for energy monitoring.		
	(5)For a Class 2 to 9 building, <u>Performance Requirement NSW J1P4</u> is satisfied by complying with J <u>9D4</u> and J <u>9D5</u> .		
NCC Reference	Part J3 Elemental provisions for a sole-occupancy unit of a Class 2 building or a Class 4 part of a building	Specific Project Initiative	
I3D1 Deemed-to- Satisfy Provisions	(1) Where a Decemed-to-Satisfy Solution is proposed, Performance         Requirements: 1121 to 1124 are satisfied by complying with—         a) NSW 12D2; and         b) NSW 12D2; to 14D7; and         c) NSW 13D2 to 15D8; and         d) NSW 14D2 to 14D7; and         c) NSW 16D2 to 15D8; and         d) NSW 16D2 to 15D8; and         f) NSW 16D2 to 15D8; and         f) NSW 17D2 to 17D9; and         f) 18D2 to 19D5.         (2) Where a Performance Solution is proposed, the relevant Performance Requirements must be determined in accordance with A2G2(3) and A2G4(3) as applicable.         The Decemed-to-Satisfy Provisions of this Part apply to building elements forming the external	N/A- applies class2 and 4 (without BASIX)	
J3D2 Application of Part	The Deemed-to-Satsy Provisions of this Part apply to building elements forming the external building fabric and domestic services of a sole-occupancy unit of a Class 2 building and a Class 4 part of a building.	N/A – applies class2 and 4 (without BASIX)	
.3D3 to I3D15 not included	J3D3 to J3D15 not included (all apply to class2 and 4 nut not NSW)	N/A – applies class2 and 4 (without BASIX)	

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egreo	Section Section	I Report - 102-106 Hillcrest Avenue, South Nowra, NSW 254
Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative
	6. <u>ISD2</u> to <u>NSW ISD4</u> ; and 7. <u>ISD2</u> to <u>ISD5</u> . (2) Where a <u>Performance Solution</u> is proposed, the relevant <u>Performance Requirements</u> must be determined in accordance with <u>AZG2[3]</u> and <u>AZG4[3]</u> as applicable.	
2 dication of	The <u>Deemed-to-Satisfy Provisions</u> of this Part apply to elements forming the <u>envelope</u> of a Class           2 to 9 building in <u>climate cones</u> 1, 2, 3 and 5 where the only means of <u>air-conditioning</u> is by using an evaporative cooler; or           a. a building in <u>climate cones</u> 1, 2, 3 and 5 where the only means of <u>air-conditioning</u> is by using an evaporative cooler; or           b. a permanent building opening, in a space where a gas appliance is located, that is necessary for the safe operation of a gas appliance; or           c. in a Class 3 or Class 5 to 9 building, a building or space where the mechanical ventilation <u>required</u> by <u>Part F6</u> provides sufficient pressurisation to prevent infiltration; or           d. parts of buildings that cannot be fully enclosed.	DTS will apply to all changed conditioned areas. For example, since plant rooms are unconditioned, the "ervelope" is the boundary between the conditioned room and bathroom/plant.
3 nneys and s	The chimney or flue of an open solid-fuel burning appliance must be provided with a damper or flap that can be closed to seal the chimney or flue.	The chimney/flue of the fireplace will have a damper or fla that can be closed to seal the chimney/flue (if applicable)
4 f lights	(1) A <u>cop/light</u> must be sealed, or capable of being sealed, when serving— a. a <u>conditioned space</u> : or b. a <u>bublable room</u> in <u>dimote zones</u> 4, 5, 6, 7 or 8. (2) A <u>cop/light required</u> by (1) to be sealed, or capable of being sealed, must be constructed with— a. an imperforate ceiling diffuser or the like installed at the ceiling or internal lining level; or b. a weatherproof seal; or c. a shutter system readily operated either manually, mechanically or electronically by the occupant.	All roof lights must be sealed (weatherproof seals) if used for the habitable rooms.
5 dows and rs	<ol> <li>A door, openable <u>window</u> or the like must be sealed—         <ul> <li>a. when forming part of the <u>envelope</u>; or</li> <li>b. in <u>climate zones</u> 4, 5, 6, 7 or 8.</li> </ul> </li> <li>(2) The requirements of (1) do not apply to—         <ul> <li>a. <u>window</u> complying with AS 2047; or</li> <li>b. a fire door or smake door; or</li> <li>c. a roller shutter door, roller shutter grille or other security door or device installed only             for our-of-hours security.</li> </ul> </li> </ol>	Seals must be fitted to the edges of new doors and window (for conditioned zones). This does not apply to: (i) a window complying with AS 2047; or (ii) a fire door or smoke door; or (iii) a roller shutter/ security door No loading docks exist with an entrance into a conditioned

space.

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(3) A seal to restrict air infiltration-

ce	SECTION J – Energy Efficiency Requirement	
	Table J7D3a Maximum illumination power density	
	Space	Maximum illumination power density
	Auditorium, church and public hall	8
	Board room and conference room	6
	Castaris - peneral	2
	Cascars - entry zone (first 15 m of travel) during the daytime	11.5
	Cascads - entry zone (next 4 m of travel) during the day	2.5
	Castack - entry zone (first 20 m of travel) during night time	2.5
	Common rooms, spaces and corridors in a Class 2 building	4.5
	Control room, switch room and the like - intermittant monitoring	3
	Control room, switch room and the like - constant monitoring	4.5
	Contidors	5
	Courtroom	4.5
	Dormitory of a Class 3 building used for aleeping only	3
	Domitory of a Class 3 building used for sleeping and study	4
	Entry lobby from outside the building	9
	Health-care - infants' and children's wards and emergency department	4
	Health-care - examination room	4.5
	Health-care - examination room in intensive care and high dependency ward	6
	Health-care - all other patient care areas including words and corridors	2.5
	Kitchen and food preparation area	4
	Laboratory - artificially II to an ambient level of 400 k or more	6
	Library - stark and shelving area	2.5
	Draw - marting soon and named assas	45
	Landary - country room and general and an Araba habitat	4.5
	Lourge and of communations in a class 3 of to backing	4.0
	moseum and gamely - circulatori, cleaning and service spring	2.0
	Office - anticially it to an ambient level of 200 is or more	4.5
	Office - antificially it to an ambient level of less than 250 tx	2.5
	Plant room where an average of 160 br vertical illuminance is required on a vertical panel such as in switch rooms	4
	Plant rooms with a horizontal illuminance target of 80 te	2
	Restaurant, calle, bar, hotel lounge and a space for the serving and consumption of food or drinks	14
	Retail space including a museum and gallery whose purpose is the sale of objects	14
	School - general purpose learning areas and tutorial rooms	4.5
	Sole-occupancy unit of a Class 3 or 9c building	5
	Storage	1.5
	Service area, cleaner's room and the like	1.5
	Tollet, looker room, staff room, rest room and the like	3
	Wholesale storage area with a vertical illuminance target of 100 bx	4
	Stairways, including fice-isolated stairways	2
	Lift com	3
	LIN GRO	

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NCC Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative
J7D9 Escalators and	Escalators and moving walkways must have the ability to slow to between 0.2 m/s and 0.05 m/s when unused for more than 15 minutes.	Not applicable – no Escalators
walkwave		
NCC Reference	Part J8 Heated water supply and swimming pool and spa pool plant	Specific Project Initiative
J8D1	(1) Where a Deemed-to-Satisfy Solution is proposed. Performance Requirements NSW	DTS for I8 will apply to hot water only.
Deemed-to-	J1P1 to NSW J1P7 are satisfied by complying with—	
Satisfy	1. NSW J2D2: and	
Provisions	1. NSW J3D2 to J3D10; and	
	2. NSW J4D2 to J4D7; and	
	3. NSW J5D2 to J5D8; and	
	<ol><li>NSW J6D2 to J6D13; and</li></ol>	
	5. NSW J7D2 to J7D9; and	
	6. J8D2 to NSW J8D4; and	
	7. J9D2 to J9D5.	
	(2) Where a Performance Solution is proposed, the relevant Performance Requirements must be	
	determined in accordance with A2G2(3) and A2G4(3) as applicable.	
J8D2 Heated	A heated water supply system for food preparation and sanitary purposes must be designed and	The system will be designed & installed in accordance w
water supply	installed in accordance with Part B2 of NCC Volume Three — Plumbing Code of Australia.	Part B2 of NCC Vol. Three — Plumbing Code of Australia
18D3	(1) Heating for a swimming nool must be by-	N/A since no pool
Swimming nool	a a solar heater: or	
heating and	b a beater using reclaimed heat from another process such as reject heat from a	
numning	refrigeration plant: or	
pumping	c a geothermal beater: or	
	d a gas heater that—	
	<ul> <li>i. if rated to consume 500 MI/hour or less, achieves a minimum gross thermal</li> </ul>	
	efficiency of 96% or	
	ii. if rated to consume more than 500 MI/hour, achieves a minimum gross	
	thermal efficiency of 90% or	
	e a heat nump: or	
	f. a combination of (a) to (e)	
	(2) Where some or all of the heating required by (1) is by a gas heater or a heat nump	
	the swimming pool must have—	
	a. a cover with a minimum <i>R-Value</i> of 0.05: and	
	b. a time switch to control the operation of the heater	
	b. a time switch to control the operation of the fleater.	

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The table below show all new components o	s the building fabric summary, based on the current DTS (Deer f the building (i.e. new walls, floors, roofs, ceilings, windows, e	ned-to-Satisfy) targets. The new targets and ratings apply to tc).
Section J item	Construction Details for Conditioned Class 5 and Class 9a	Minimum to Pass NCC DTS (Deemed-to-Satisfy)
1	Walls external (lightweight, etc)	R2.5 added + break (10mm EPS approx) to give >R1.8 total
2	Walls external (earth wall/masonry/etc)	R2.5 added + break (10mm EPS approx) to give >R1.8 total
3	Semi-Internal lightweight (next to toilet, plant, etc)	R1.5 added + break (10mm EPS approx) to give >R1.3 total
4	Semi-Internal earth/masonry (next to toilet, plant, etc)	R1.5 added + break (10mm EPS approx) to give >R1.3 total
5	Walls internal (between 2 conditioned spaces)	Optional insulation
6	Walls internal (between conditioned and unconditioned)	See 3. And 4. above
7	Conditioned Room Floors (over slab-on-ground)	Optional insulation (but recommended, such as R2.3 Aircell)
8	Conditioned Room Ceilings/roofs	R3.3 added, excl. air gap (R3.7 total)
9	Class 5 office - U-value (Double-glaze or single low-E)	U-val. = 5.8 or less
10	Class 5 office - SHGC (Double-glaze or single low-E)	SHGC = 0.46 or less
11	Class 9a medical - U-value (Double-glaze or single low-E)	U-val. = 5.8 or less
12	Class 9a medical - SHGC (Double-glaze or single low-E)	SHGC = 0.56 or less
13	Bathrooms, as marked grey (unconditioned) - U-value	U-val. = anything
14	Bathrooms, as marked grey (unconditioned) - SHGC	SHGC = anything
15	Ambulance, cleaner store, etc (unconditioned) - U-value	U-val. = anything
16	Ambulance, cleaner store, etc (unconditioned) - SHGC	SHGC = anything
17	SKYLIGHTS / ROOF LIGHTS - U-value	U-val. = 3.9 for conditioned zones
18	SKYLIGHTS / ROOF LIGHTS - SHGC	SHGC = 0.29 or less (large ones) and 0.51 or less (small ones)

## integreco Section J Report - 102-106 Hillcrest Avenue, South Nowra, NSW 2541 NCC Reference SECTION J - Energy Efficiency Requirement NCC Reference Part JA Building fabric J4D1 (1) Where a Decemed-to-Satisfy Solution is proposed, Perfor Deemed-to-JEP1 to SWV JEP2 are satisfied by complying with-Satisfy NSW JE02 complying with Provisions a) NSW JE02 to JEDD0; and Specific Project Initiative The development has been designed for this, as discus the summary table below. IJP1 to NSW IJP2 are satisfied by complying with— a) NSW IJD2 to IJD10, and b) NSW IJD2 to IJD10, and c) NSW IJD2 to IJD2, and c) NSW IJD2 to IJD2, and d) NSW IJD2 to IJD2, and d) NSW IJD2 to IJD2, and e) NSW IJD2 to IJD2, and i) NSW IJD2 to IJD2, and i) IJD2 to NSW IBD3, and g) IJD2 to ISD12, and g) IJD2 to ISD12, and g) IJD2. (2) Where a <u>Performance Solution</u> is proposed, the relevant <u>Performance Requirements</u> must be determined in accordance with <u>A2G2(3)</u> and A2G4(3) as applicable. (1) The Deemed-to-Satisfy Provisions of this Part apply to building elements forming the DTS will apply to all changed conditioned areas. For In the Deemed-to-satisfy Provisions of this Part apply to building elements forming the envelope of a Class 3 and Class 5 to 9 building. Since plant rooms are unconditione "envelope" is the boundary between the con and plant rooms. lass 2 building and a Class 4 part of a building. (2) only applies to thermal insulation in a sole-occupancy unit in a Class 2 build part of the development (1) Where <u>required</u>, insulation must comply with AS/NZS 4859.1 and be installed so that it— a. abuts or overlaps adjoining insulation other than at supporting members such as studs, guidelines, in the final specifications. These will apply to all noggings, joits, furring channels and the like where the insulation must be against the member; and b. forms a continuous barrier with ceilings, walls, builtheads, floors or the like that likement, worthwise the beforement berriers and. J4D3 Thermal construction general inherently contribute to the thermal barrier; and does not affect the safe or effective operation of a <u>service</u> or fitting. re <u>required</u>, <u>reflective insulation</u> must be installed with— the necessary airspace to achieve the <u>required R-Value</u> between a reflective side of the <u>reflective insulation</u> and a building liming or cladding; and the <u>reflective insulation</u> closely fitted against any penetration, door or <u>window</u> opening; the <u>reflective insulation</u> adequately supported by framing members; and May 2024

NCC Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative	
	<ul> <li>a. for the bottom edge of a door, must be a draft protection device; and</li> <li>b. for the other edges of a door or the edges of an openable <u>window</u> or other such opening, may be a foam or rubber compression strip, fibrous seal or the like.</li> <li>(4)An entrance to a building, if leading to a <u>conditioned space</u> must have an airock, <u>self-closing door, rapid roller door</u>, revolving door or the like, other than—</li> <li>a. where the <u>conditioned space</u> has a <u>floor area</u> of not more than 50 m<sup>3</sup>; or</li> <li>b. where a cafe, restaurant, open front shop or the like has—</li> <li>i. a <u>3</u> m deep un-conditioned <u>space</u> has an</li> <li>open front, and the <u>conditioned space</u> and for thom of the like has—</li> <li>ii. a tall other entrances to the cafe, restaurant, open front shop or the like, <u>self-closing doors</u>.</li> </ul>	The external entrances to the conditioned space must ha a self-closing door or the like.	
	(5)A loading dock entrance, if leading to a <u>conditioned space</u> , must be fitted with a <u>rapid roller</u> <u>door</u> or the like. Applications -NSW JSD5(5) does not apply to a Class 2 building or a Class 4 part of a building.		
J5D6 Exhaust fans	An exhaust fan must be fitted with a sealing device such as a self-closing damper or the like when serving— a. a <u>conditioned space</u> ; or b. a <u>habitable room</u> in <u>climate zones</u> 4, 5, 6, 7 or 8.	Exhaust fans in all habitable spaces will be fitted with sealing devices, such as self-closing dampers.	
J5D7 Construction of ceilings, walls and floors	<ol> <li>Ceilings, walls, floors and any opening such as a <u>window</u> frame, <u>cool light</u> frame or the like must be constructed to minimise air leakage in accordance with (2) —         <ol> <li>when forming part of the <u>enveloge</u>:</li> <li>in <u>climate zones</u> 4, 5, 6, 7 or 8.</li> </ol> </li> <li>Construction <u>reguined</u> by U1 must be—         <ol> <li>a. enclosed by internal lining systems that are close fitting at ceiling, wall and floor junctions; or</li> <li>b. seled at junctions and penetrations with—                 <ol> <li>close fitting architrave, skirting or cornice; or</li> <li>ii. close fitting architrave, skirting or cornecsible strip, cauking or the like.</li> <li>(3) The requirements of (1) do not apply to openings, grilles or the like <u>required</u> for smoke bazard management.</li> </ol></li></ol></li></ol>	Construction details will be developed later, to ensure w ceilings, floors and windows/doors minimise air leakage (using linings, caulking, skirting, architraves, cornices, etr	
I5D8 Evaporative coolers	An evaporative cooler must be fitted with a self-closing damper or the like— a. when serving a heated space; or b. in <u>climate zones</u> 4, 5, 6, 7 or 8.	NA – no evaporative coolers.	

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![](_page_18_Picture_14.jpeg)

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NCC Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative
	(3) A time switch must be provided to control the operation of a circulation pump for a <u>swimming pool</u> . (4) Where <u>required</u> , a time switch must be capable of switching electric power on and off at variable pre-programmed times and on variable pre-programmed days. (5) Pipework carrying heated or chilled water for a <u>swimming pool</u> must comply with the insulation requirements of <u>ISD9</u> . (6) For the purpose of I8D3, a <u>swimming pool</u> does not include a spa pool. Applications - NSW JBD3 does not apply to a Class 2 building and a Class 4 part of a building.	
J8D4 Spa pool heating and pumping	<ul> <li>(1) Heating for a spa pool that shares a water recirculation system with a <u>swimming pool</u> must be by— <ul> <li>a solar heater; or</li> <li>b a heater using reclaimed heat from another process such as reject heat from a refrigeration plant; or</li> <li>c. a geotherman heater; or</li> <li>d. a sheater that— <ul> <li>i. If rated to consume 500 MJ/hour or less, achieves a minimum gross thermal efficiency of 86%; or</li> <li>ii. If rated to consume 500 MJ/hour, achieves a minimum gross thermal hermal efficiency of 86%; or</li> <li>ii. If rated to consume more than 500 MJ/hour, achieves a minimum gross thermal hermal efficiency of 86%; or</li> </ul> </li> <li>2) Where some or all of the heating <u>required</u> by (1) is by a gas heater or a heat pump; or</li> <li>f. a combination of (a) to (e).</li> <li>(2) Where some or with a minimum <u>R-Value</u> of 0.05; and</li> <li>b. a push button and a time switch to control the operation of the heater.</li> <li>(3) A time switch must be provided to control the operation of a circulation pump for a spa pool having a capacity of 680 L or more.</li> <li>(3) Mhere <u>reguired</u> a time switch must be capable of switching electric power on and off at variable pre-programmed times and on variable pre-programmed days.</li> <li>(5) Pipework carrying heated or chilled water for a spa pool must comply with the insulation requirements of <u>LOD</u>.</li> </ul></li></ul>	N/A since no spa
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![](_page_18_Picture_17.jpeg)

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REV	DATE	DESCRIPTION	BY
А	30.05.2024	DEVELOPMENT APPLICATION	LP
В	11.06.2024	DEVELOPMENT APPLICATION REV B	LP

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NCC Reference	SECTION J - Energy Ef	ficiency Re	quirement			Specific Project Initiativ	/e
NCC Reference	SECTION J - Energy Eff d. each adjoinin i. over ii. tape (3) Where <u>required</u> , bu a. it maintains ii cladding and b. in a ceiling, wal ia (4) Roof, ceiling, wal ia thermai properties list (5) The <u>required</u> Total bridging, must be— a. calculated in b. determined ii c. determined ii or sub-floor s	ficiency Re g sheet of lapped no d togethen lik insulati ts position supporting here there verlaps the ind floor m ed in <u>Spec</u> <u>R-Value</u> ar accordance n accordance n accorda	<pre>teguirement roll membrane beit less than 50 mm; members, water end thickness, oth members, water is no bulk insulatif wall by not less th wall by not less th aterials, and assoc fifcation 36. d Total System U-1V e with AS/NZS 4855 e with AS/NZS 4855 c with Specificatif ce with Specificatif</pre>	ng— or d so that— er than where it is comp pipes, electrical cabling on or <u>reflective insulative</u> lated surfaces are deen as 50 m. lated surfaces are deen calue, including allowar ob.2 for a roof or floor on 32 for woll-glozing or on 33 or woll-glozing or on 39 or Section 3.5 of 6	oressed between or the like; and <u>or</u> in the wall ned to have the sice for thermal r r or <u>onstruction</u> ; or CIBSE Guide A for soll	Specific Project Initiativ	re
J4D4 Roof and ceiling construction	<ol> <li>A roof or ceiling minate an in <u>climate zor</u></li> <li>in <u>climate zor</u></li> <li>in <u>climate zor</u></li> <li>in <u>climate zor</u></li> <li>d. in <u>climate zor</u></li> <li>d. in <u>climate zor</u></li> <li>(2) In <u>climate zor</u></li> <li>must be not more that</li> </ol>	ust achieve <u>nes</u> 1, 2, 3, <u>ne</u> 6, R3.2 1 <u>ne</u> 7, R3.7 1 <u>ne</u> 8, R4.8 1 2, 3, 4, 5, 0 n 0.45.	a <u>Total R-Value</u> gr 4 and 5, R3.7 for a for a downward dire for an upward direct or an upward direct and 7, the solar a	eater than or equal to- downward direction of ection of heat flow; and tion of heat flow; and tion of heat flow. bsorptance of the uppe	- heat flow; and I r surface of a roof	For conditioned areas, Insulation (for new roo 1. Medium or light cold down. So, this requires 2. Dark colour – N/A wi must be ≤0.45	the Minimum Roof/Ceiling fs) is: uur roof (or terrace) - R3.2 total – approx. R2.8 added, excl. air gaps th DTS, since roof solar absorption
J4D5 Roof lights	Roof lights must have- a. a total area o b. transparent a combined pe i. for <u>1</u> ii. for <u>1</u>	- f not more not translu formance <i>total systet</i> <i>total systet</i> <i>total</i>	than 5% of the <u>floc</u> cent elements, incl of— <u>m SHGC</u> , in accorda <u>n U-Value</u> , not mon ythe - Total system BHOC Total area of <u>root</u> (jobts up to 3.5% of the floor area of the room or space \$ 0.45 \$ 0.51 \$ 0.76	or area of the room or r uding any imperforate nce with <u>Table J4D5</u> ; ar re than U3.9. Total area of <u>roof lights</u> more than 3.5% and up to 5% of the floorarea of the room or space 5.023 5.049	space served; and ceiling diffuser, with a Id	SKYLIGHTS - U-value SKYLIGHTS - SHGC	U-val. = 3.9 for conditioned zones SHGC = 0.29 or less (large ones) and 0.51 or less (small ones)

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NCC Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative
NCC Reference	Part J6 Air-conditioning and ventilation	Specific Project Initiative
J6D1	(1) Where a <u>Deemed-to-Satisfy Solution</u> is proposed, <u>Performance Requirements NSW</u> <u>11P1</u> to <u>NSW J1P7</u> are satisfied by complying with—	DTS for J6 will apply to the building. During the next stage of design development, the HVAC systems will be designed by
Deemed-to-		the mechanical engineers to meet all these conditions.
Satisfy	1. <u>NSW J2D2</u> ; and	
Provisions	<ol> <li><u>NSW J3D2</u> to <u>J3D10</u>; and</li> </ol>	
	<ol> <li><u>NSW J4D2</u> to <u>J4D7</u>; and</li> </ol>	
	<ol> <li><u>NSW J5D2</u> to <u>J5D8</u>; and</li> </ol>	
	<ol> <li><u>NSW J6D2 to J6D13</u>; and</li> </ol>	
	<ol> <li><u>NSW J7D2</u> to <u>J7D9</u>; and</li> </ol>	
	<ol> <li><u>J8D2</u> to <u>NSW J8D4</u>; and</li> </ol>	
	7. <u>J9D2</u> to <u>J9D5</u> .	
	(2) Where a <u>Performance Solution</u> is proposed, the relevant <u>Performance Requirements</u> must be	
	determined in accordance with <u>A2G2(3)</u> and <u>A2G4(3)</u> as applicable.	
16D2	(1) The Deemed-to-Satisfy Provisions of this Part do not apply to a Class 8 electricity network	DTS for 16 can apply to the all buildings (which are called
Application of	substation.	"conditioned' even if no AC is proposed. If this changes, the
Part	(2) I6D10 does not apply to a Class 2 building or a Class 4 part of a building	proposed AC must comply with Section 16
J6D3 Air-	Not included here – Refer to NCC 2022 for details of: J6D3	The HVAC will be designed and verified by the mechanical
conditioning		engineers to meet these conditions.
system control		
J6D4 Mech	Not included here – Refer to NCC 2022 for details of: J6D4	The HVAC will be designed and verified by the mechanical
ventilation		engineers to meet these conditions.
system control		
J6D5	Not included here – Refer to NCC 2022 for details of: J6D5	The HVAC will be designed and verified by the mechanical
Fans and duct		engineers to meet these conditions.
systems		
J6D6	Not included here – Refer to NCC 2022 for details of: J6D6	The HVAC will be designed and verified by the mechanical
Ductwork		engineers to meet these conditions.
insulation		
J6D7	Not included here – Refer to NCC 2022 for details of: J6D7	The HVAC will be designed and verified by the mechanical
Ductwork		engineers to meet these conditions.
sealing		
J6D8	Not included here – Refer to NCC 2022 for details of: J6D8	The HVAC will be designed and verified by the mechanical
Pump systems		engineers to meet these conditions.

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![](_page_18_Figure_29.jpeg)

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NCC Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative
NCC Reference	Part J9 Energy monitoring and on-site distributed energy resources	Specific Project Initiative
NCC Reference J9D1 Deemed-to- Satisfy Provisions	Part J9 Energy monitoring and on-site distributed energy resources           (1) Where a Decemed-to-Statisfy Solution is proposed, Performance Requirements NSW           J12L to NSW J127 are satisfied by complying with—           1. NSW J202; and           2. NSW J402 to J402; and           3. NSW J502 to J502 is 0508; and           4. NSW J602 to 10513; and           5. NSW J602 to 10513; and           6. J802 to 1950; and           6. J802 to 1950; and           7. NSW J702 to J709; and           7. NSW J702 to J709; and           7. J902 to 1955.           (2) Where a Performance Solution is proposed, the relevant <u>Performance Requirements</u> must be determined in accordance with A <u>2G2(3)</u> and A <u>2G4(3)</u> as applicable.	Specific Project Initiative DTS for J9 will apply to this building.
J9D2 Application of Part	The <u>Deemed-to-Satisfy Provisions</u> of this Part do not apply— a. within a <u>sole-accupancy unit</u> of a Class 2 building or a Class 4 part of a building; or b. to a Class 8 <u>electricity network substation</u> .	DTS for J9 will apply to this building.
J9D3 Facilities for energy monitoring	<ol> <li>A building or <u>sole-occupancy unit</u> with a <u>floor area</u> of more than 500 m<sup>2</sup> must have energy meters configured to record the time-of-use consumption of gas and electricity.</li> <li>A building with a <u>floor area</u> of more than 2 500 m<sup>2</sup> must have energy meters configured to enable individual time-of-use energy data recording, in accordance with (3), of—         <ul> <li>a. <u>air-conditioning</u> plant including, where appropriate, heating plant, cooling plant and air handling fans; and</li> <li>artificial lighting; and</li> <li>central hot water supply; and</li> <li>central transport devices including lifts, escalators and moving walkways where there is more than one serving the building; and</li> <li>on-site <u>electric</u> vehicle charging equipment; and</li> <li>on-site <u>electric</u> vehicle charging equipment;</li> </ul> </li> <li>on-site <u>electric</u> vehicle charging equipment.</li> <li>Better ancillary plant.</li> <li>Energy meters <u>reguired</u> by (2) must be interlinked by a communication system that collates the time-of-use energy data to a single interface monitoring system where it can be stored, analysed and reviewed</li> </ol>	Since the new building area has a floor area over 500 m2, i will need the use of meters to record the consumption of gas and electricity. This will be done anyway. However, since the new building area is not more than 2,500 m2, it will NOT need the facility to record individually the energy consumption d- (i) air-conditioning plant including, where appropriate, heating plant, cooling plant and air handling fans; and (iii) artificial ighting; and (iii) appliance power; and (iv) central hor water supply; and (v) internal transport devices including lifts, escalators and travelators if more than one serves the building; and (vi) other ancillary plant.

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J1P4 Renewable / energy and electric vehicle charging / J1P5 Building ( fabric—Class 2 building and Class 4 parts of ( a building Electric vehicle a building Elec	A building must have features that facilitate the future installation of on-site renewable energy generation and storage and electric vehicle charging equipment. (1) Thermal insulation in a building must be installed in a manner and have characteristics, which facilitate the efficient use of energy for artificial heating and cooling. (2) A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope. Explanatory information NSW JIPS only applies to a Class 2 building or a Class 4 part of a building.	The building will have features to allow for the future installation of on-site renewable energy generation and storage and electric vehicle charging equipment. Not used – N/A
energy and g electric vehicle charging (1955 Building ( fabric—Class 2 building and Class 4 parts of ( a building f s	generation and storage and electric vehicle charging equipment. (1) Thermal insulation in a building must be installed in a manner and have characteristics, which facilitate the efficient use of energy for artificial heating and cooling. (2) A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope. Explanatory information Explanatory information	installation of on-site renewable energy generation and storage and electric vehicle charging equipment.
lectric vehicle harging 1P5 Building baric—Class 2 vuilding and lass 4 parts of ( building	(1) Thermal insulation in a building must be installed in a manner and have characteristics, which facilitate the efficient use of energy for artificial heating and cooling. (2) A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope. Explanatory information Explanatory information	storage and electric vehicle charging equipment. Not used – N/A
harging 1P5 Building ( abric—Class 2 building and lass 4 parts of ( building a f building a f f f f f f f f f f f f f	<ol> <li>Thermal insulation in a building must be installed in a manner and have characteristics, which facilitate the efficient use of energy for artificial heating and cooling.</li> <li>A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope.</li> <li>Explanatory information</li> <li>NSW JIPS only applies to a Class 2 building or a Class 4 part of a building.</li> </ol>	Not used – N/A
1P5 Building ( abric—Class 2 vouilding and lass 4 parts of ( building a f	(1) Thermal insulation in a building must be installed in a manner and have characteristics, which facilitate the efficient use of energy for artificial heating and cooling. (2) A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope. Explanatory information INSW JIP5 only applies to a Class 2 building or a Class 4 part of a building.	Not used – N/A
abric—Class 2 puilding and Class 4 parts of ( a building a building a	which tacilitate the efficient use of energy for artificial heating and cooling. (2) A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope. Explanatory information ISW JIP5 only applies to a Class 2 building or a Class 4 part of a building.	
puilding and Class 4 parts of ( building a building building build	(2) A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope. Explanatory information NSW J1P5 only applies to a Class 2 building or a Class 4 part of a building.	
lass 4 parts of ( building a f	(2) A building must have, to the degree necessary, thermal breaks installed between the framing and external cladding, to facilitate efficient thermal performance of the building envelope. Explanatory information ISW JIP5 only applies to a Class 2 building or a Class 4 part of a building.	
i building i i i i i i i i i i i i i i i i i i	and external cladding, to facilitate encient thermal performance of the building envelope. Explanatory information NSW J1P5 only applies to a Class 2 building or a Class 4 part of a building.	
	Explanatory information NSW J1PS only applies to a Class 2 building or a Class 4 part of a building.	
1	NSW J1P5 only applies to a Class 2 building or a Class 4 part of a building.	
1	Now sites only applies to a class 2 building of a class 4 part of a building.	1
5	NSW (195(1) only applies to thermal insulation in a building where a development consent	
	specifies that the inculation is to be provided as part of the development	
1	NSW 11P5(2) only applies to a metal framed roof and metal framed wall.	
11V1	Not used - J1V1 NABERS Energy	Not used – N/A
NABERS Energy		
J1V2 !	Not used - J1V2 Green Star	Not used – N/A
Green Star		
11V3	Not used - J1V3 Verification using a reference building	Not used - may be used later, pending glazing and façad
Verification		designs
using reference		
building		
11V4	Not used - J1V4 Verification of building envelope sealing	Not used – N/A
Verification of		
building		
envelope		
ealing		
1V5	Not used - J1V5 Verification using a reference building for a Class 2 sole-occupancy unit	Not used – N/A
/erification		
using reference		
building for a		
lass z sole-		
occupancy unit		

Section J Report - 102-106 Hillcrest Avenue, South Nowra, NSW 2541

![](_page_18_Figure_34.jpeg)

#### integreco Section J Report - 102-106 Hillcrest Avenue, South Nowra, NSW 2541 NCC Reference SECTION J – Energy Efficiency Requirement J6D9 Not included here – Refer to NCC 2022 for details of: J6D9 Pipework Included here – Refer to NCC 2022 for details of: J6D9 Specific Project Initiative The HVAC will be designed and verified by the mechanic engineers to meet these conditions. insulation J6D10 Not included here – Refer to NCC 2022 for details of: J6D10 The HVAC will be designed and verified by the mechanical Space heating engineers to meet these condition J6D11 Not included here – Refer to NCC 2022 for details of: J6D11 The HVAC will be designed and verified by the mechanical Jobia No. No.</ engineers to meet these condition The HVAC will be designed and verified by the mechanic air-conditioning engineers to meet these condition equipment J6D13 Heat rejection Not included here – Refer to NCC 2022 for details of: J6D13 The HVAC will be designed and verified by the mechan engineers to meet these condition Heat rejection equipment Part 17 Artificial lighting and power NCC Reference Part 17 Artificial lighting and power J7D1 (1) Where a <u>Deemed-to-Satisfy Solution</u> is proposed, <u>Performance Requirements NSW</u> Deemed-to-Satisfy <u>IJP1</u> to <u>NSW JIP7</u> are satisfied by complying with— Provisions a) <u>NSW JID2</u>; and apply JIP1 to JIP1 are JIP1 and JIP1 Specific Project Initiative DTS for J7 will apply to internal and external ar NSW J3D2 to J3D10; and NSW J4D2 to J4D7; and NSW J4D2 to J4D7; and NSW J5D2 to J5D8; and NSW J5D2 to J5D13; and NSW J7D2 to J7D9; and J8D2 to NSW J8D4; and J8D2 to J9D5; and g) <u>J9D2</u> to <u>J9D5</u>. (2) Where a <u>Performance Solution</u> is proposed, the relevant <u>Performance Requirement</u> determined in accordance with <u>A2G2(3)</u> and <u>A2G4(3)</u> as applicable J7D2 Application (1) The Deemed-to-Satisfy Provisions of this Part do not apply to a Class 2 building or a DTS for J7 will apply to internal and external areas. of Part Class 4 part of a building. DTS for J7 will apply to internal and external areas. DTS for J7 will apply to internal and external areas. Class 4 part of a building. (2) J7D3, J7D4 and J7D6(1)(b) do not apply to a Class 8 electricity network substation. May 2024 Page 26

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![](_page_18_Figure_37.jpeg)

### integreco

![](_page_18_Figure_39.jpeg)

					ING ADDITIGINAL COLLING	AION
	Client:		Drawing		Date Printed:	11/6/2024
GUNYAHLAMAI Address:	ONCEDEDFIT		SLUI		Rev:	Α
102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC	Lot 72 DP 31078 & Lot 4 DP 561605	Status:	DEVELOPMENT APPLICATION REV B	Drawing No:	70.10
						FLE NAME: 22-80_DA_GUDJAGA GUNYAHLAMA

1. Check all dimensions on site. / 2. Written dimensions take precedence over those scaled from drawings. / 3. All works to comply with relevant Australian Standards and the National Construction Code. / 4. This drawing is subject to copyright and remains the property of Papesch Architecture Pty Ltd.

![](_page_18_Picture_42.jpeg)

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NCC Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative
NCC Reference	Part J2 Energy efficiency	Specific Project Initiative
NSW J2D1	(1) Where a Deemed-to-Satisfy Solution is proposed, Performance Requirements NSW	The development has been designed for this, as discussed in
Deemed-to-	J1P1 to NSW J1P7 are satisfied by complying with—	the summary table below.
Satisfy		
Provisions	a) NSW J2D2; and	
	a) NSW J3D2 to J3D10; and	
	b) NSW J4D2 to J4D7; and	
	c) NSW JSD2 to JSD8; and	
	<ul> <li>NSW J6D2 to J6D13; and</li> <li>NSW J7D2 to J7D0; and</li> </ul>	
	<ul> <li>NSW 17D2 to 17D3, and</li> <li>18D3 to NSW 18D4; and</li> </ul>	
	a) 19D2 to 19D5	
	g, 1552 (61555).	
	(2) Where a Performance Solution is proposed, the relevant Performance Requirements must be	
	determined in accordance with A2G2(3) and A2G4(3) as applicable.	
J2D2	(1) For a Class 3 and 5 to 9 building, Performance Requirement NSW J1P1 is satisfied by	The development has been designed for this, as discussed in
Application of	complying with—	the report and table below.
Section J	<ul> <li>Part J4, for the building <u>fabric</u>; and</li> </ul>	
	<li>b. <u>Part J5</u>, for building sealing; and</li>	
	<li>c. <u>Part J6</u>, for <u>air-conditioning</u> and ventilation; and</li>	
	d. Part <u>17</u> , for artificial lighting and power; and	
	<li>Part J8, for neated water supply and <u>swimming pool</u> and spa pool plant; and part J8, for neated water supply and <u>swimming pool</u> and spa pool plant; and</li>	
	<ol> <li><u>19D3</u>, for facilities for energy monitoring.</li> </ol>	
	(2)For a sole-occupancy unit of a class 2 building or a class 4 part of a	
	building, <u>Performance Requirement NSW J1P5</u> is satisfied by complying with—	
	a lang and lang for the sector and	
	a. <u>1305</u> and <u>1306</u> , for thermal breaks; and	
	b. <u>J4D3</u> , for general thermal construction; and	
	<ol> <li>J3D10(3), J3D10(5) and J3D10(6), for floor edge insulation.</li> </ol>	
	(3)For a Class 2 building or a Class 4 part of a building, Performance Requirement NSW	
	<u>J1P6</u> is satisfied by complying with <u>Part J5</u> for building sealing.	

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integre						Section J Report	102-106 Hillcrest Av	enue, South Nowra, NSW 2541
NCC Reference	SECTION L- En	argy Efficiency	Paquirament			Specific	Project Initiative	
MOT MOT	(1) A floor must	achieve the T	otal R-Value specifie	d in Table I4D7		Eloor In	sulation for conditio	ned area under DTS:
Floors	Table J4D7 Floors - Mi	inimum Total B-Value	otar n-value specifie	a minable subr.		rioor in	sulation for conditio	neu area unuer D15.
	Location	Location Climate zone Climate zones 4. Climate zones 4. Climate zones 4. Climate zones 5. Climate zones 4. Climate zones 6. Insulation 1 - upwards and 3 - upwards 5. 6 and 7 downwards rooms: heat flow heat flow flow flow			suming no in-slab heating or cooling, the following sulation is required for the new floors in conditioned oms:			
	A floor without an	2.0	2.0	2.0	3.5	Floor	type	Minimum Total R-values
	in-slab heating or cooling system					Slab a	bove air or subfloor	Not applicable
	A floor with an in- slab heating or cooling system	3.25	3.25	3.25	4.75			
	(2) For the purposes of (1), a slab-on-ground that does not have an in-slab heating or cooling system is considered to achieve a <u>Totol R-Volue</u> of R2.0, except— a. in <u>climate zone</u> 8; or b. a Class 3, Class 9a <u>ward area</u> or Class 9b building in <u>climate zone</u> 7 that has a <u>floor</u> <u>grege</u> to floor perimeter ratio of less than or equal to 2. (3) A floor must be insulated around the vertical edge of its perimeter with insulation having an <u>R-Volue</u> greater than or equal to 1.0 when the floor— a. is a concrete slab on-ground in <u>climate zone</u> 8; or b. has an in-slab or in-screen heating or cooling system, except where used solely in a						Optional insulation (but recommended for priority zones, such as R2.3 Aircell)	
	(4) Insulation <u>re</u>	equired by (3) f	or a concrete slab-o	n-ground must—				
	b. be con	tinuous from t	he adjacent finished	d ground level—				
	i.	to a depth n	ot less than 300 mm	n; or				
	ii.	for the full d	lepth of the vertical	edge of the concre	te slab-on-ground.			
NCC Reference	Part J5 Building	sealing				Specific	Project Initiative	
J5D1 Deemed-to-	(1) Where a <u>Deemed-to-Satisfy Solution</u> is proposed, <u>Performance Requirements NSW</u> <u>J1P1</u> to <u>NSW J1P7</u> are satisfied by complying with—				This will bounda	This will apply to conditioned areas. The 'envelope' is the boundary between a conditioned space and unconditioned		
Provisions	1. <u>NSW J</u> 2. <u>NSW J</u> 3. <u>NSW I</u>	3D2 to <u>J3D10;</u> 4D2 to <u>J4D7;</u> a 5D2 to J5D8; a	and nd nd			(such as	sine outside all of un	conditioned plant rooms).
	1     1							

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Section J Report - 102-106 Hillcrest Avenue, South Nowra, NSW 2541

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NCC Reference	e SECTION J – Energy Efficiency Requirement Specific Project Initiative				
J7D3	(1) This	subclause does not apply in NSW.	Lighting for areas will satisfy the power targets, including:		
Artificial				-	
lighting	(2) 10 0	Class 2 or Class E to 0 building	Space	W/m2	
in Briting	(z) in a	class 5 of class 5 to 9 building—	Auditorium, church and public hall	8	
			Board room and conference room	5	
	a.	(2) In a Class 3 or Class 5 to 9 building—for artificial lighting, the aggregate design	Carpark - general	2	
		illumination power load must not exceed the sum of the allowances obtained by	Carpark - entry zone (first 15 m of travel) during the daytime	11.5	
		multiplying the area of each space by the maximum illumination power density in Table	Carpark - entry zone (next 4 m of travel) during the day	2.5	
		J7D3a; and	Carpark - entry zone (first 20 m of travel) during night time	2.5	
	b.	the aggregate design illumination power load in (a) is the sum of the design	Common rooms, spaces and corridors in a Class 2 building	4.5	
		illumination power loads in each of the spaces served: and	Control room, switch room and like - intermittent monitoring	3	
		where there are multiple lighting systems serving the same space, the design	Control room, switch room and like - constant monitoring	4.5	
	<b>C</b> -	where there are multiple lighting systems serving the same space, the design	Corridors	5	
		mummation power road for (b) is—	Courtroom	4.5	
	the total illumination power load or all systems; or     where a control system permits only one system to operate at a time based on     the highest illumination power load; or determined by the formula		Dormitory of a Class 3 building used for sleeping only	3	
			Dormitory of a Class 3 building used for sleeping and study	4	
			Entry lobby from outside the building	9	
			Health-care – infant children's wards & emergency departm.	4	
			Health-care - examination room	4.5	
		$[H \vee T/2 \pm P \vee (100 - T/2)]/100$	Health-care exam room intensive care +high dependency	6	
	[H imes T/2 + P imes (100 - T/2]/100	Health-care - other patient care areas incl. wards+ corridors	2.5		
			Kitchen and food preparation area	4	
	d.	In the formula at (c)(ii)—	Laboratory - anticially lit to an amolenk level 400 fk or more	0	
		<ol> <li>H = the highest illumination power load; and</li> </ol>	Library - stack and snewing area Library - reading room and general areas	2.5	
		<ol> <li>T = the time for which the maximum illumination power load will occur,</li> </ol>	Lounde area for communal use in a Class 3 or 9c building	4.5	
		expressed as a percentage; and	Museum gallen: - circulation, cleaning and service lighting	2.5	
		iii. P = the predominant illumination power load.	Office - artificially lit to an ambient level of 200 k or more	4.5	
			Office - antificially in to an ambient level of less than 200 ly	2.5	
			Plant room where ave. 160 tx vertical illuminance needed	4	
			Plant rooms with a horizontal illuminance target of 80 lx	2	
			Restaurant, café, bar, hotel lounge or space food or drinks	14	
			Retail space including a museum and gallery-sale of objects	14	
			School - general purpose learning areas and tutorial rooms	4.5	
			Sole-occupancy unit of a Class 3 or 9c building	5	
			Storage	1.5	
			Service area, cleaner's room and the like	1.5	
			Toilet, locker room, staff room, rest room and the like	3	
			Wholesale storage area - vertical illuminance target 160 k	4	
			Stairways, including fire-isolated stairways	2	
			Lift cars	3	

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NCC Reference	SECTION J – Energy Efficiency	ciency Requirement	Specific Project Initiative
	<ul> <li>b. when the total</li> <li>i. use LE</li> <li>ii. be cor</li> <li>iii. when</li> <li>have a</li> <li>(2) The requirements of</li> <li>a. Emergency light</li> <li>b. Lighting around</li> </ul>	lighting load exceeds 100 W— El Junniaries for 90% of the total lighting load; or ntrolled by a motion detector in accordance with <u>Specification 40</u> ; or used for decorative purposes, such as façade lighting or signage lighti a separate time switch in accordance with <u>Specification 40</u> . (13)(b) to not apply to the following: ting in accordance with <u>Part E4</u> . d a <u>detention centre</u> .	yg.
J7D7 Boiling water and chilled water storage units	Power supply to a boilin switch in accordance wi	water or chilled water storage unit must be controlled by a time th <u>Specification 40</u> .	Power supply to a boiling water or chilled water storage unit will be controlled by a time switch.
J7D8 Lifts	Lifts must— a. be configured t it is unused for b. achieve the idle Table J7D8a Lift idle and standby	to ensure artificial lighting and ventilation in the car are turned off wh 15 minutes; and e and standby energy performance level in <u>Table J7D8a</u> ; and emergy performance level	Not applicable – no lifts en
	Rated load	Idle and standby energy performance level in accordance with ISO 25745-2 <sup>Note</sup>	
	Less than or equal to 800 kg	2	
	801 kg to less than or equal to 2000 kg	3	
	2001 kg to less than or equal to 4000 kg	4	
	Greater than 4000 kg	5	
	▼ Table Notes		
	Applies to the standby	power used after 30 minutes.	
	c. achieve— i. the en ii. if a de 25745	nergy efficiency class in <u>Table J7D8b</u> ; or dicated goods lift, energy efficiency class D in accordance with ISO 5-2.	

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NCC Reference	SECTION J – Energy Efficiency Requirement	Specific Project Initiative
J9D5	<ol> <li>The main electrical switchboard of a building must—</li> </ol>	This building does have new roofs, so these "Facilities for
Facilities for	<ul> <li>contain at least two empty three-phase circuit breaker slots and four DIN rail spaces</li> </ul>	solar photovoltaic and battery systems" will apply.
solar	labelled to indicate the use of each space for—	
photovoltaic	<ol> <li>a solar photovoltaic system; and</li> </ol>	The electrical engineer will ensure all switchboards and
and battery	ii. a <u>battery system</u> ; and	labels are implemented as per J9D5.
systems	b. be sized to accommodate the installation of solar photovoltaic panels producing their	
	maximum electrical output on at least 20% of the building roof area.	As shown by the roof plan, well over 20% of the roof area has been left clear (suitable for the installation of solar
	(2) At least 20% of the roof area of a building must be left clear for the installation of solar	photovoltaic panels in the future).
	photovoltaic panels, except for buildings-	
	<ul> <li>with installed solar photovoltaic panels on—</li> </ul>	
	i. at least 20% of the roof area; or	
	<li>an equivalent generation capacity elsewhere on-site; or</li>	
	b. where 100% of the roof area is shaded for more than 70% of daylight hours; or	
	<li>with a roof area of not more than 55 m<sup>2</sup>; or</li>	
	d. where more than 50% of the roof area is used as a terrace, carpark, roof garden, roof	
	light or the like.	
	-	
	Limitations	
	1. The requirements of J9D5(1)(a)(i) and (b) do not apply to a building with solar	
	photovoltaic panels installed on at least 20% of the roof area.	
	<ol> <li>The requirements of J9D5(1)(a)(ii) and (b) do not apply to a building with <u>battery</u> <u>systems</u> installed.</li> </ol>	

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![](_page_18_Picture_60.jpeg)

![](_page_19_Figure_0.jpeg)

![](_page_19_Figure_1.jpeg)

![](_page_19_Figure_2.jpeg)

![](_page_19_Figure_3.jpeg)

			WAMINDA - SOU WELLBEIN	TH COAST WOMEN'S H	C Constantion
site. / 2. Written dimensions take	Project: BIRTHING ON COUNTRY / GUD IAGA			Date Printed:	11/6/2024
led from drawings. / <b>3.</b> All works tralian Standards and the National	GUNYAHLAMAI Address:			Rev:	Α
s drawing is subject to copyright f Papesch Architecture Pty Ltd.	102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC Lot 72 DP 31078 & Lot 4 DP 561605	Status: DEVELOPMENT APPLICATION REV B	Drawing No:	70.20

![](_page_20_Picture_0.jpeg)

![](_page_20_Picture_1.jpeg)

![](_page_20_Picture_2.jpeg)

WINDOW FRAMES, HOODS, DOORS & EXT. FEATURES INTERPON SABLE ASTEROID - POWDERCOAT

![](_page_20_Picture_4.jpeg)

RM01 - EARTH-TONED MASONRY

![](_page_20_Picture_6.jpeg)

![](_page_20_Picture_7.jpeg)

Papesch Architecture Pty Ltd ABN 57 632 565 989 | Nominated Architect Lisa Papesch Reg No.7275

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REVDATEDESCRIPTIONA30.05.2024DEVELOPMENT APPLICATIONB11.06.2024DEVELOPMENT APPLICATION REV B

BY Notes LP 1. Check all dimensions of LP precedence over those sc to comply with relevant Au Construction Code. / 4. T and remains the property of

![](_page_20_Picture_10.jpeg)

![](_page_20_Picture_12.jpeg)

![](_page_20_Picture_13.jpeg)

![](_page_20_Picture_14.jpeg)

RF01 - ROOFING EVENING HAZE

![](_page_20_Figure_17.jpeg)

![](_page_20_Picture_18.jpeg)

FEATURE CLADDING

# GLAZING

LOW-E OR DOUBLE GLAZED & DOUBLE GLAZED AND TINT

**OUT BUILDINGS** MONUMENT

CL01 - TIMBER CLADDING HARDWOOD TONGUE AND GROOVE

**CL02 - TIMBER SCREENING** HARDWOOD BATTENS

**CL03 - TIMBER BATTEN** HARDWOOD BATTENS

on site. / 2. Written dimensions take caled from drawings. / 3. All works Justralian Standards and the National		Project: BIRTHING ON COUNTRY / GUDJAGA GUNYAHLAMAI Address:	Client: UNCEDED PT
This drawing is subject to copyright of Papesch Architecture Pty Ltd.		102 & 106 HILLCREST AVE SOUTH NOWRA, NSW, 2541	Project No: 22-BC

# TR01 - TRANSLUCENT PANELS

![](_page_20_Picture_28.jpeg)

**BK01 - RENDERED MASONRY** EARTH TONED TO MATCH

![](_page_20_Picture_30.jpeg)

		Date Printed:	11/6/2024
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![](_page_21_Picture_0.jpeg)

Perspective 01

![](_page_21_Picture_2.jpeg)

Perspective 03

![](_page_21_Picture_4.jpeg)

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BY Notes

![](_page_21_Picture_7.jpeg)

![](_page_21_Picture_8.jpeg)

Perspective 04

Client: Project: 
 LP
 Notes

 LP
 1. Check all dimensions on site. / 2. Written dimensions take
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![](_page_21_Picture_11.jpeg)

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