

BASIX NOTES

northern beaches council

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

DA2020/0255

Insulation requirements

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

ction	Additional insulation required (R-value)	Other specifications		
e slab on ground floor.	nil			
led floor with enclosed subfloor: decided	R1.30 (down) (including construction)			
led floor above garage: decided	nil			
ove existing dwelling or building.	nil			
wall: framed (weatherboard, fibro, ad)	R1.30 (or R1.70 including construction)			
wall: other/undecided	R1.70 (including construction)			
wall shared with garage: single skin (R0.18)	nil			
eiling, pitched/skillion roof: framed	œiling: R3.00 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)		
ng, flat roof: framed	æiling: R3.00 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)		

		lazing requirement Overshadowing		Shading device	Frame and glass type
	glass inc. frame (m2)	Height (m)	Distance (m)		riano ano giassigno
N	1.09	0	0	external louvre/blind (adjustable)	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)
E	1.66	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)
E	1.93	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)
E	1.92	0	0	eave/verandah/pergola/balcony >=450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)

		Overshadowing		Shading device	Frame and glass type			
		glass inc. frame (m2)	Height (m)	Distance (m)				
	E	1.66	0	0	œve/verandah/pergola/balcony ≻450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	S	2.9	0	0	eave/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	s	2.9	0	0	eave/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	W	1.66	0	0	eave/verandah/pergola/balcony ≻450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	SE	1.66	0	0	rone	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	SE	8.76	0	0	eave/verandah/pergola/balcony ≔450 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	N	6.5	0	0	œve/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	N	2.9	0	0	eave/verandah/pergola/balcony ≈600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	SW	4	0	0	œve/verandah/pergola/balcony ≻900 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	NW	14.4	0	0	eave/verandah/pergola/balcony ≫900 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	NE	7.6	0	0	æve/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	E	1.66	0	0	æve/verandah/pergola/balcony ≻=600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		
	E	8.76	0	0	æve/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)		

oor	Orientation	Area of	Overshadowing		Shading device	Frame and glass type				
		glass inc. frame (m2)	Height (m)	Distance (m)						
	E	1.66	0	0	œve/verandah/pergola/balcony ≫600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	SE	0.51	0	0	æve/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	≻600 mm		œve/verandah/pergola/balcony ≈600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)						
	SE	0.51	0	0	œve/verandah/pergola/balcony ≫600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	SE	0.876	0	0	œve/verandah/pergola/balcony ≫600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	NW	0.876	0	0	æve/verandah/pergola/balcony ≫600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	NW	0.876	0	0	æve/verandah/pergola/balcony ≫600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	NW	3.32	0	0	æve/verandah/pergola/balcony ≫600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	NW	5.77	0	0	æve/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	NE	2172	0	0	æve/verandah/pergola/balcony ≫600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	NE	2172	0	0	æve/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	N	2172	0	0	æve/verandah/pergola/balcony ≻600 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				
	s	8.61	0	0	æve/verandah/pergola/balcony ≈900 mm	standard aluminium, single pyrolytic low-e, (U-value: 5.7, SHGC: 0.47)				

NOTES 1. Do not scale off drawings. (If in doubt- ask.) 2. All measurements to be checked on site prior to commencement of construction. 3. Check all levels, roof pitch, location of services and boundary lines, site and building conditions before commencing work or ordering materials. 4. Supply & install selected smoke alarm system to comply with AS3786. 5. All storm water to be connected to street gutters as per council requirements 6. The work shown on this and associated drawings shall be carried in a tradesmanlike manner and shall be in accordance with the standards, codes, ordinances, regulations, of the Standards Association of Australia, the Building Code of Australia and any statutory authority having jurisdiction over the works. 7. Setting out dimensions shown on the drawings shall be verified by the builder 8. During construction the structure shall be in accordance with good building principles whether shown on the details or not. 10. Supply and install lift off hinges to all wet area doors.

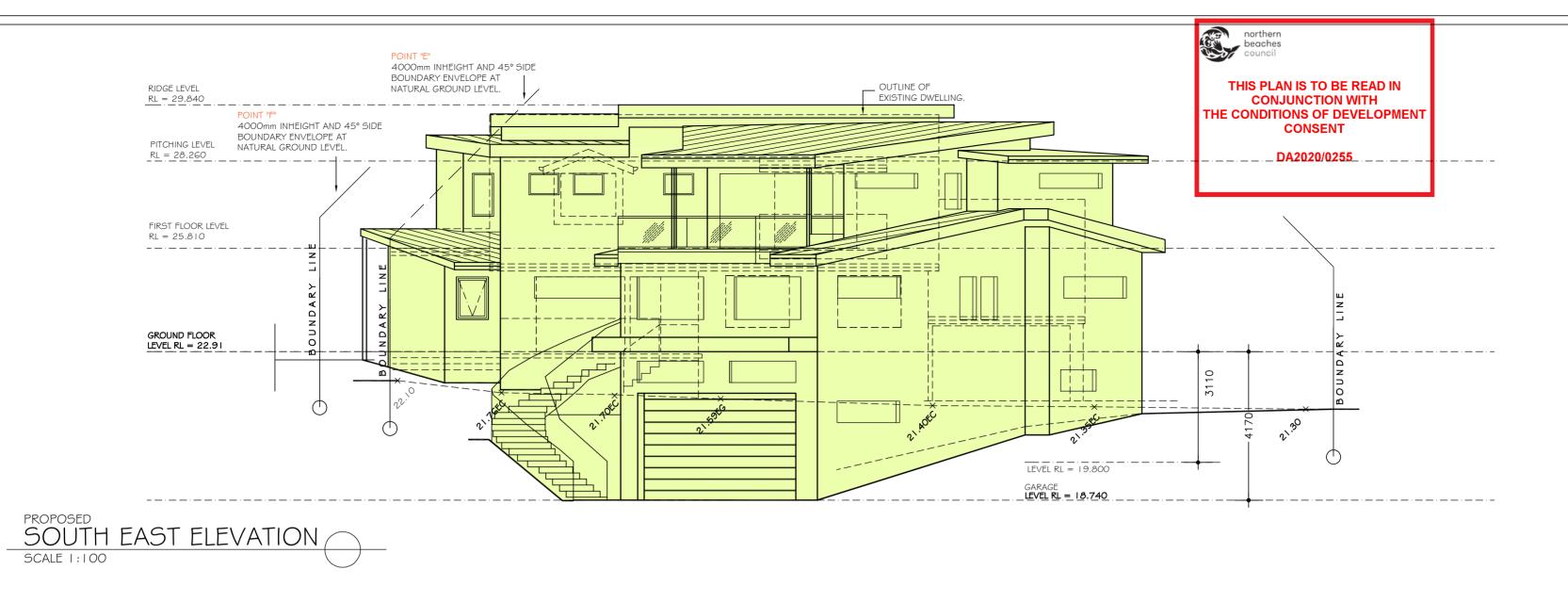
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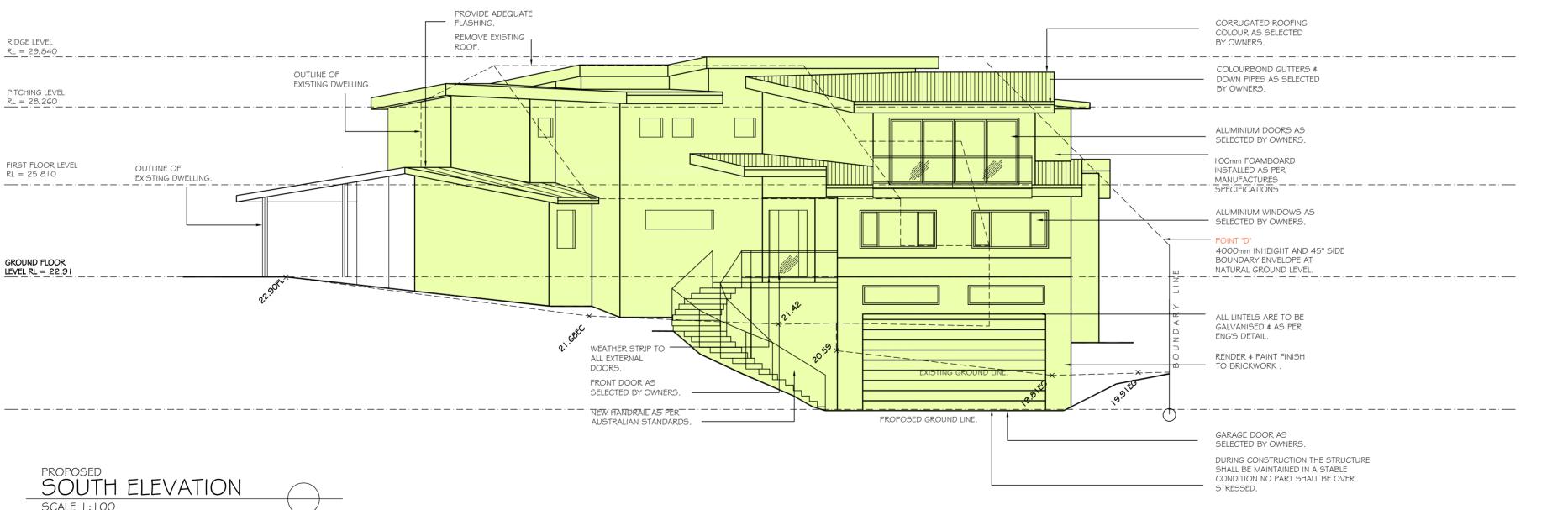
Fixtures and systems

Lighting The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, compact fluorescent, or Ight-emitting-diode (LED) lamps. Fixtures

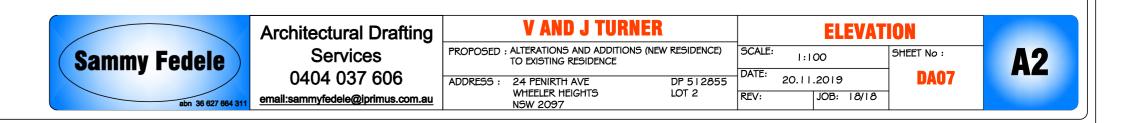
The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating. The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating. The applicant must ensure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

Services 0404 037 606 PROPOSED : ALTERATIONS AND ADDITIONS (NEW RESIDENCE) TO EXISTING RESIDENCE SCALE: 1:100 SHEET No : ADDRESS : 24 PENIRTH AVE WHEELER HEIGHTS DP 512855 LOT 2 DATE: 20.11.2019 DA06		Architectural Drafting	V AND J TURNER	ROOF PLAN AND BASIX	
0404 037 606 ADDRESS : 24 PENIRTH AVE DP 512855 DALL 20.11.2019 DAUG	nmy Fedele				A2
abn 36 627 664 311 email:Sammyredele@ipnmus.com.au NSW 2097	abn 36 627 664 311	0404 037 606 email:sammyfedele@iprimus.com.au	WHEELER HEIGHTS LOT 2	REV: JOB: 18/18	



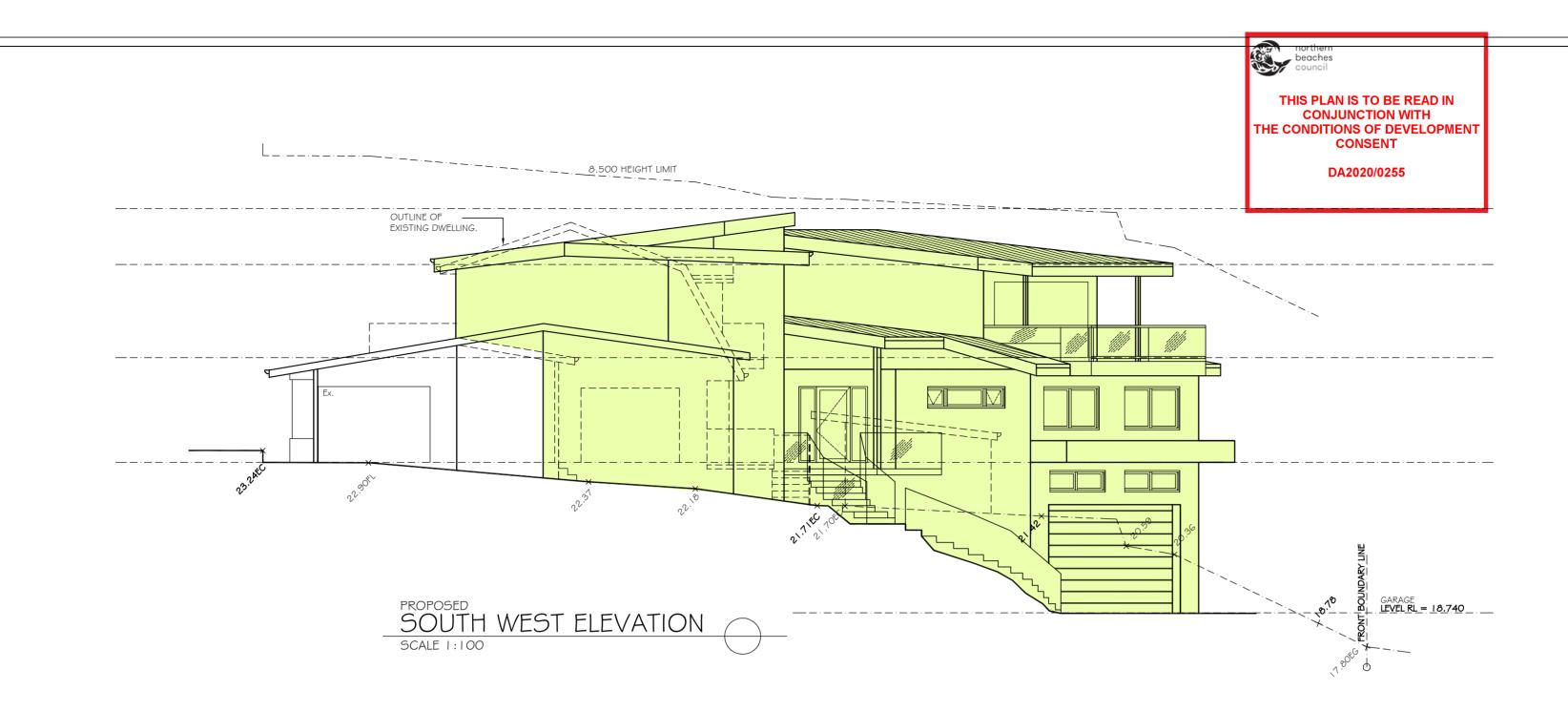


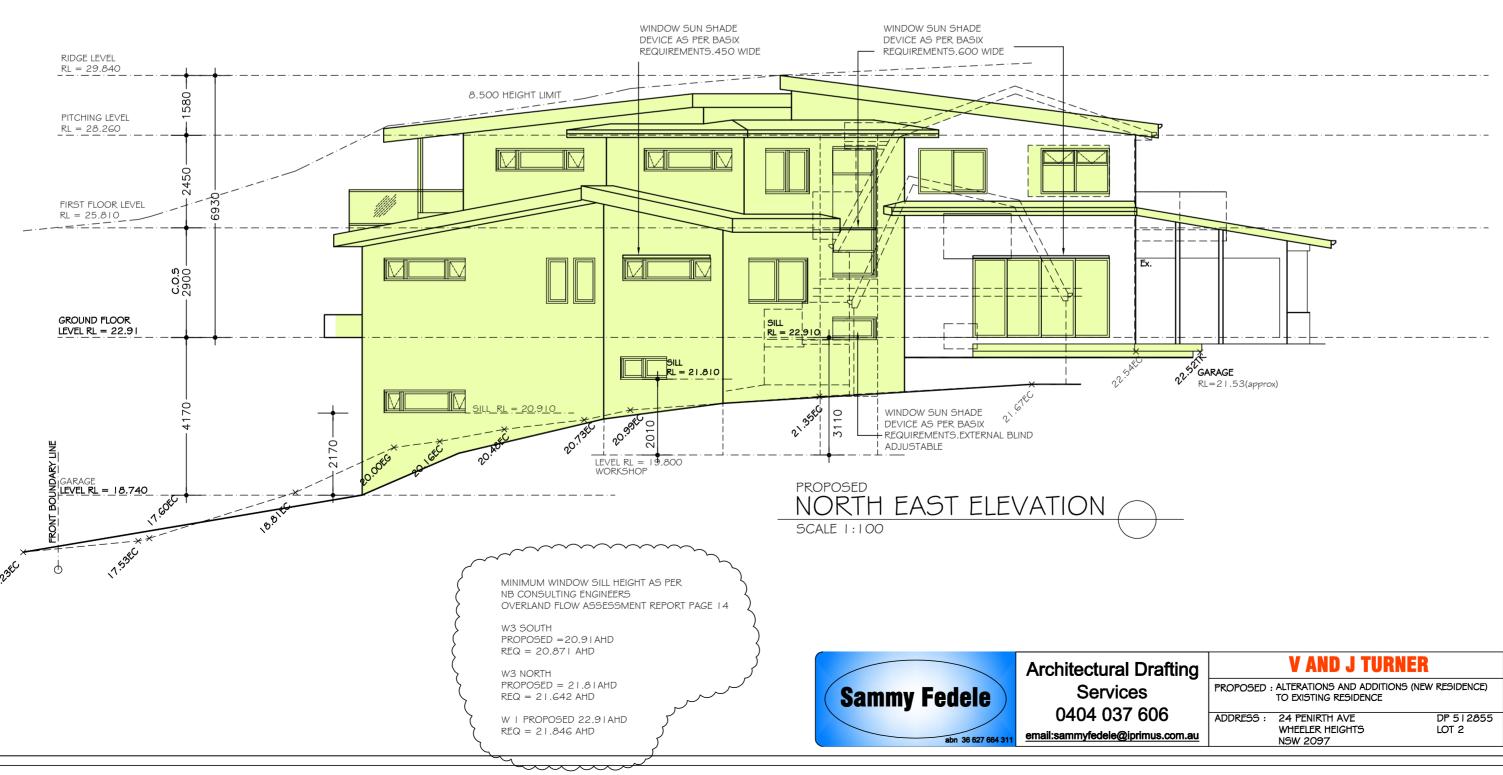




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Supply & install selected smoke alarm system to comply with AS3786.
All storm water to be connected to street gutters as per council requirements
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 Setting out dimensions shown on the drawings shall be verified by the builder
 During construction the structure shall be maintained in a stable condition, and no part shall be overstressed.
 Flashings and damproof course to be placed in accordance with good building principles whether shown on the details or not.
 Supply and install lift off hinges to all wet area doors.

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	Architectural Drafting	V AND J TURNER				ELEVAI		
nmy Fedele	Services	PROPOSED	: ALTERATIONS AND ADDIT TO EXISTING RESIDENCE		SCALE:	1:100	SHEET No :	A2
•	0404 037 606 email:sammyfedele@iprimus.com.au	ADDRESS :	WHEELER HEIGHTS	DP 512855 LOT 2	DATE: REV:	20.11.2019 DA08 JOB: 18/18	DA08	
abn 36 627 664 311	oman.oammyrodolo@primac.com.aa		NSW 2097					

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