

Single Dwelling

Floor, walls and ceiling/roof

Certificate number: 866237S_02

Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Fixtures			
The applicant must install showerheads with a minimum rating of 3 star (> 7.5 but <= 9 L/min) in all showers in the development.		~	-
The applicant must install a toilet flushing system with a minimum rating of 3 star in each toilet in the development.		~	¥
The applicant must install taps with a minimum rating of 3 star in the kitchen in the development.		~	
The applicant must install basin taps with a minimum rating of 3 star in each bathroom in the development.		v	
Alternative water	·		
Rainwaler tank			
The applicant must install a rainwater tank of at least 2000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	-	~	-
The applicant must configure the rainwater tank to collect rain runoff from at least 214.63 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).		~	-
The applicant must connect the rainwater tank to:			
all tollets in the development		•	v
the cold water tap that supplies each clothes washer in the development			V
 at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.) 			

Construction	Additional insulation required (R-Value)	Other specifications				
floor - concrete slab on ground	nil					
external wall - brick veneer	1.66 (or 2.20 including construction)					
internal wall shared with garage - plasterboard	nil					
ceiling and roof - flat ceiling / pitched roof	ceiling: 3 (up), roof: foil/sarking	unventilated; dark (solar absorptance > 0.70)				
Note Insulation specified in this Certificate must be installed in accordance with Part 3.12.1.1 of the Building Code of Australia.						

Thermal Comfort Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Nindows, glazed doors and skylights			
The applicant must install the windows, glazed doors and shading devices described in the lable below, in accordance with the specifications listed in the table. Relevant overshadowing specifications must be satisfied for each window and glazed door.	V	~	-
The dwelling may have 1 skylight (<0.7 square metres) and up to 2 windows/glazed doors (<0.7 square metres) which are not listed in the table.	~	~	¥
The following requirements must also be satisfied in relation to each window and glazed door:	V	~	-
 Except where the glass is 'single clear' or 'single loned', each window and glazed door must have a U-value no greater than that listed and a Solar Heat Gain Coefficient (SHGC) +/-10% of that listed. Total system U-values and SHGC must be calculated in accordance with National Fenestration Rating Council (MFRC) conditions. 			~
 The leading edge of each eave, pergola, verandah, batcony or awning must be no more than 500 millimetres above the head of the window or glazed door, except that a projection greater than 500 mm and up to 1500 mm above the head must be twice the value in the table. 	~	~	~
 Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35. 		v	V
 Unless they have adjustable shading, pergolas must have fixed battens parallel to the window or glazed door above which they are situated, unless the pergola also shades a perpendicular window. The spacing between battens must not be more than 50 mm. 			

Window/glazed door no.	Orientation	Maximum area (square metres)	Туре	Shading	Overshadowing
W1	NE	1.10	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
W2	NE	1.31	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
W3	NE	1.10	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
W4	SE	D.63	Improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
W5	SE	1.30	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
W6	SE	1.30	improved aluminium, single clear (U-value:5.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
Window/glazed door no.	Orientation	Maximum area	Туре	Shading	Overshadowing

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Window/glazed door no.	Orientation	Maximum area (square metres)	Туре	Shading	Overshadowing
W7	SE	3.90	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
W8	SW	1.88	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony 450 mm	not overshadowed
W9	NW	1.88	improved aluminium, single toned (U-value:6.39, SHGC:0.56)	none	not overshadowed
W10	NW	0.63	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	none	not overshadowed
W11	NW	0.63	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	none	not overshadowed
W12	NW	1.88	improved aluminium, single clear (U-value:6.44, SHGC:0.75)	none	not overshadowed
D2	sw	4.55	Improved aluminium, single clear (U-value:6.44, SHGC:0.75)	eave/verandah/pergola/balcony >2,000 mm	not overshadowed

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Hot water			
The applicant must install the following hot water system in the development, or a system with a higher energy rating: gas instantaneous with a performance of 6 stars.	V	v	~
Cooling system			
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 3-phase airconditioning; Energy rating: EER 3.0 - 3.5		V	v
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 3-phase airconditioning; Energy rating: EER 3.0 - 3.5		~	~
The cooling system must provide for day/night zoning between living areas and bedrooms.		V	V
Heating system			
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: 3-phase airconditioning; Energy rating: EER 3.0 - 3.5		~	~
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: 3-phase airconditioning; Energy rating: EER 3.0 - 3.5		→	¥
The heating system must provide for day/night zoning between living areas and bedrooms.		¥	¥
Ventilation			
The applicant must install the following exhaust systems in the development:			
At least 1 Bathroom: no mechanical ventilation (ie. natural); Operation control: n/a			-
Kitchen: individual fan, not ducted; Operation control: manual switch on/off			V
Laundry: natural ventilation only, or no laundry; Operation control: n/a		V	¥
Artificial lighting			
The applicant must ensure that the "primary type of artificial lighting" is fluorescent or light emitting diode (LED) lighting in each of the following rooms, and where the word "dedicated" appears, the fittings for those lights must only be capable of accepting fluorescent or light emitting diode (LED) lamps:			
at least 4 of the bedrooms / study;			U

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
at least 2 of the living / dining rooms;		~	~
the kitchen;		~	Ų.
all bathrooms/tollets;		V	J
- the laundry;			
• all hallways;		V	V
Natural lighting			
The applicant must install a window and/or skylight in 3 bathroom(s)/loilet(s) in the development for natural lighting.	~	¥	V
Other			
The applicant must install a gas cooktop & electric oven in the kitchen of the dwelling.		¥	
The applicant must install a fixed outdoor clothes drying line as part of the development.			

LANDSCAPE PLAN

CONCEPT STORMWATER

WET AREA & DETAILS
KITCHEN & WET AREA

GROUND FLOOR ELECTRICAL
SECTION & WINDOW SCHEDULE

SLAB PLAN

SITE ANALYSIS & WASTE MANAGEMENT

CLIENT SIGN OFF	CLIENT 1	DATE	CLIENT 2	DATE
CDC/DA DRAWING				

Show on Show on CC/CDC Certifier DA plans plans & specs check

				Climaka	
REV	DATE	AMENDMENTS	BY	No.	SHEET TITLE
Α	06.11.17	PRELIMINARY DA	J.N.	1	COVER SHEET
В	08.11.17	DA ISSUE	J.N.	2	SITE PLAN
С	01.02.18	AMEND DA PLANS	J.N.	3	GROUND FLOOR LAYOUT
D	12.02.18	AMEND DA PLANS TO SHOW IM DISTANCE FROM THE LINTLE	J.N.	4	ELEVATIONS



DUAL PROPERTY GROUP LEVEL 1/232 COREEN AVENUE PENRITH 2750

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LANGTON		Client: MR. J. RIAD`	Y & MS. M. RUSTANDI	
CONTEMPORARY R.H.			Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557	
Drawn: J.N.	Pate: 12.02.18	COVER SHEET		Master Issue: A Pate: 06.11.17
Scale: N/A	Checked: B.N.	Sheet:	Job No: 214123	Rev:

COVER SHEET

123 D.P: 1216480 L.G.A: CAMDEN COUNCIL

SITE AREAS SITE: BUILDING FOOTPRINT:

 375 m^2 201.22 m² DRIVEWAY & PATHWAYS: 16.27 m² (Not Incl. Crossover)

PERVIOUS LANDSCAPING: 34.55 m^2 (Incl. Gravel, Pervious Paving, etc)

SOFT LANDSCAPING: 98.4 m² (Incl. Turf, Garden Beds, etc) DRIVEWAY XOVER: 18.89 m²

HOUSE AREAS

GROUND FLOOR LIVING: 155.88 m² FIRST FLOOR LIVING: N/A m² VOID: N/A m² GARAGE: 32.89 m² ALFRESCO: 11.16 m² PORCH: 1.29 m² TOTAL: 201.22 m²

155.88 m²

PLANNING AREAS

(Excl. Garage, Porch, Alfresco, etc)

TOTAL LIVING AREA:

SITE COVERAGE (Excl. Driveway): 53.66 % POS (Min Dimension of 2.5m): 35.59 m² LANDSCAPE: 132.95 m² (Soft & Pervious Area) 35.45 %

BASIX AREAS

NETT CONDIT. FLOOR AREA: 90.35 m^2 UNCONDITIONED FLOOR AREA: 19.96 m² TOTAL ROOF AREA: 214.63 m² HARVESTED ROOF AREA: 214.63 m²

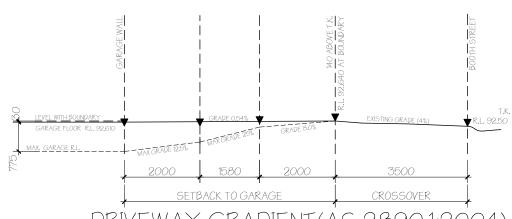
SAFETY WARNING

RING 1100 "DIAL BEFORE YOU DIG" PRIOR TO ANY EXCAVATIONS. ANY REGISTERED EASEMENT WITHIN THE LOT IS SHOWN ON THIS SITE PLAN.

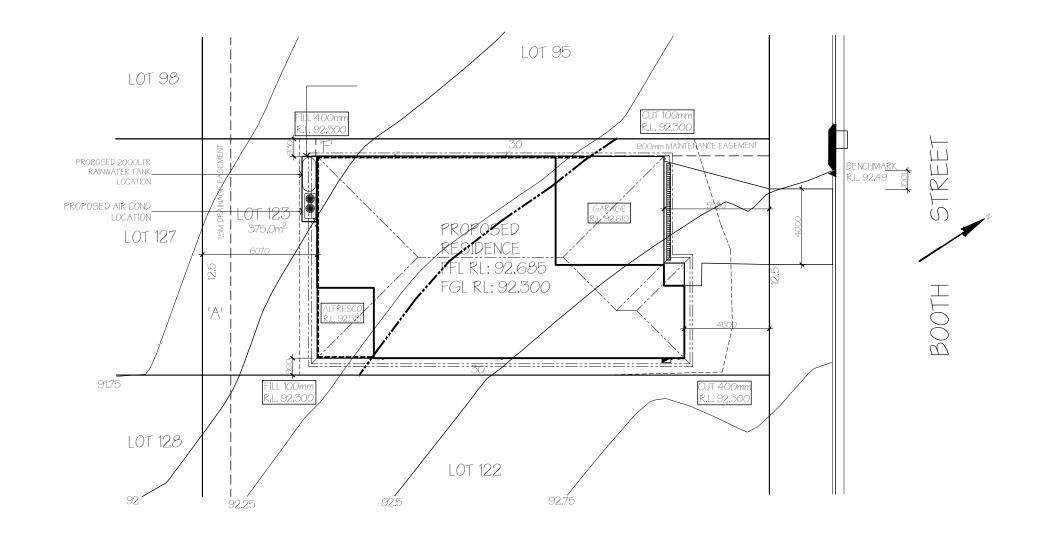
SITE CLASS: H2 WIND CLASS:

> TERMITE PROTECTION TO AS3660.2-2000

EVEL'S SHOWN + OR - 200mm



DRIVEWAY GRADIENT (AS 2890.1:2004)



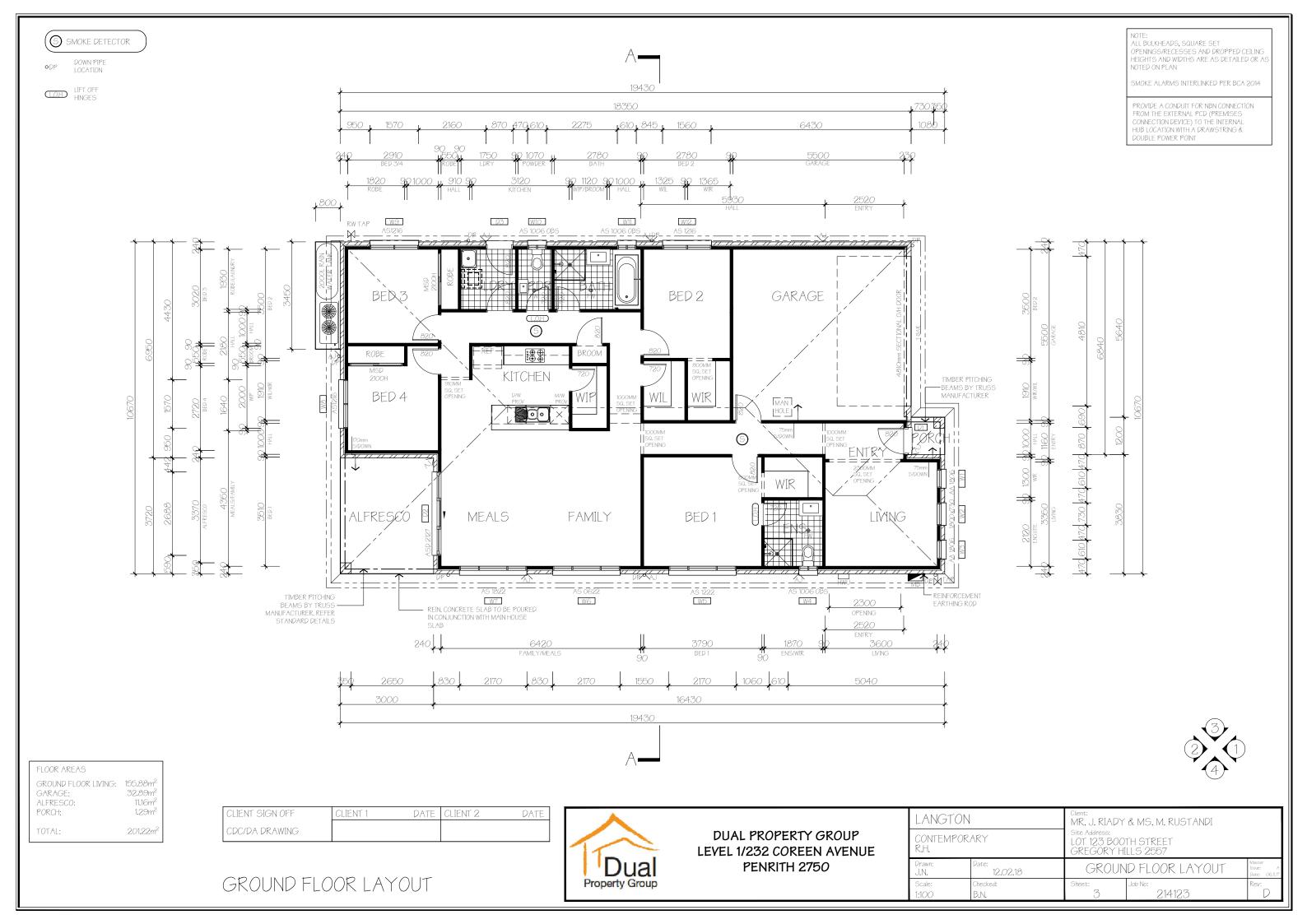
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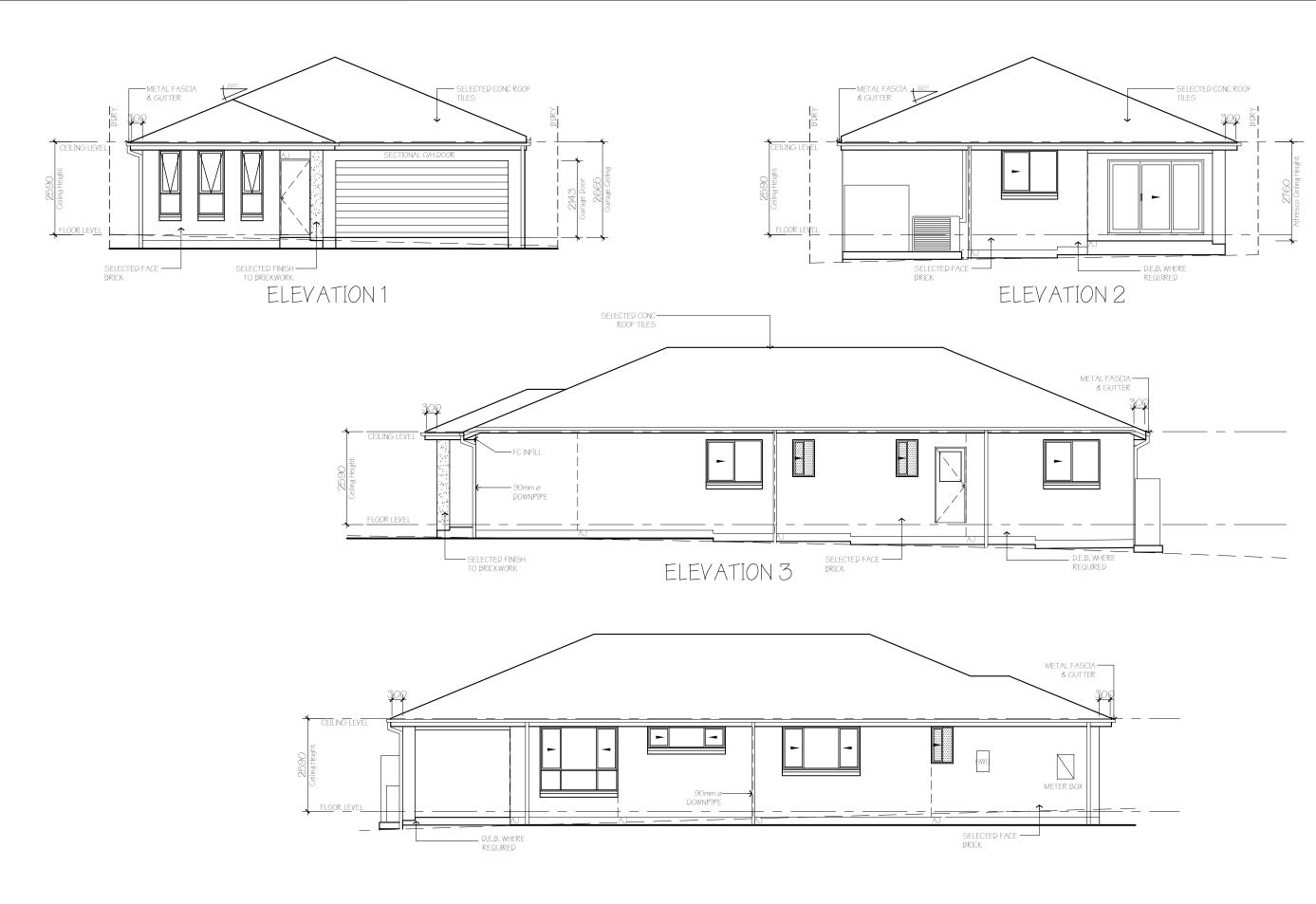


DUAL PROPERTY GROUP LEVEL 1/232 COREEN AVENUE PENRITH 2750

LANGTON CONTEMPOR R.H.	•	Site Address: LOT 123 B	DY & MS. M. RUSTANDI OOTH STREET 'HILLS 2557	
Drawn: J.N.	Date: 12.02.18		SITE PLAN	Master Issue: A Date: O6.11.17
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SITE PLAN



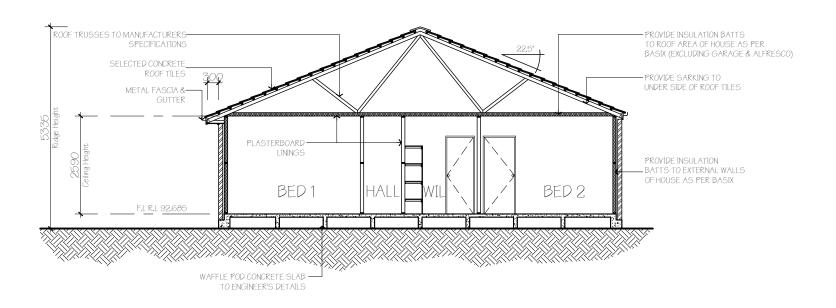


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CDC/DA DRAWING				



LANGTON		Client: MR. J. RIADY & MS. M. RUSTANDI			
CONTEMPORARY R.H.		Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557			
Drawn: J.N.	Date: 12.02.18	ELEVATIONS		Master Issue: A Date: 06.11.17	
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ELEVATIONS



SECTION A-A.

		WINDOV	V & DOOR SCHEDULE WITH BASIX REQUIREMENTS (REFER COVER SHEE	ET)	
NO.	LOCATION	CODE	TYPE	LINTEL/STEEL BEAM	GLASS M2
W1	LIVING	AA 1806	IMPROVED ALUM FRAMED AWNING WINDOW (SINGLE CLEAR GLAZING)	N/A	1.10
W2	LIVING	SPECIAL	IMPROVED ALUM FRAMED AWNING WINDOW (SINGLE CLEAR GLAZING)	N/A	1.31
W3	LIVING	AA 1806	IMPROVED ALUM FRAMED AWNING WINDOW (SINGLE CLEAR GLAZING)	N/A	1.10
W4	ENSUITE	AS 1006	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE OBSCURE GLAZING)	N/A	0.63
W5	BED 1	AS 1222	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE CLEAR GLAZING)	N/A	2.64
W6	FAMILY	AS 0622	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE CLEAR GLAZING)	N/A	1.30
W7	MEALS	AS 1822	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE CLEAR GLAZING)	N/A	3.90
W8	BED 4	AS 1216	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE CLEAR GLAZING)	N/A	1.88
W9	BED 3	AS 1216	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE CLEAR GLAZING)	L	1.88
W10	PDR	AS 1006	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE OBSCURE GLAZING)	L	0.63
W11	BATHROOM	AS 1006	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE OBSCURE GLAZING)	L	0.63
W12	BED 2	AS 1216	IMPROVED ALUM FRAMED SLIDING WINDOW (SINGLE CLEAR GLAZING)	L	1.88
D1	ENTRY	820	SOLID CORE DOOR	L	N/A
D2	ALFRESCO	ASD 2127	IMPROVED ALUM FRAMED SLIDING DOOR (SINGLE CLEAR GLAZING)	L	4.55
D3	LAUNDRY	820	SOLID CORE DOOR (SINGLE CLEAR GLAZING)	L	0.49

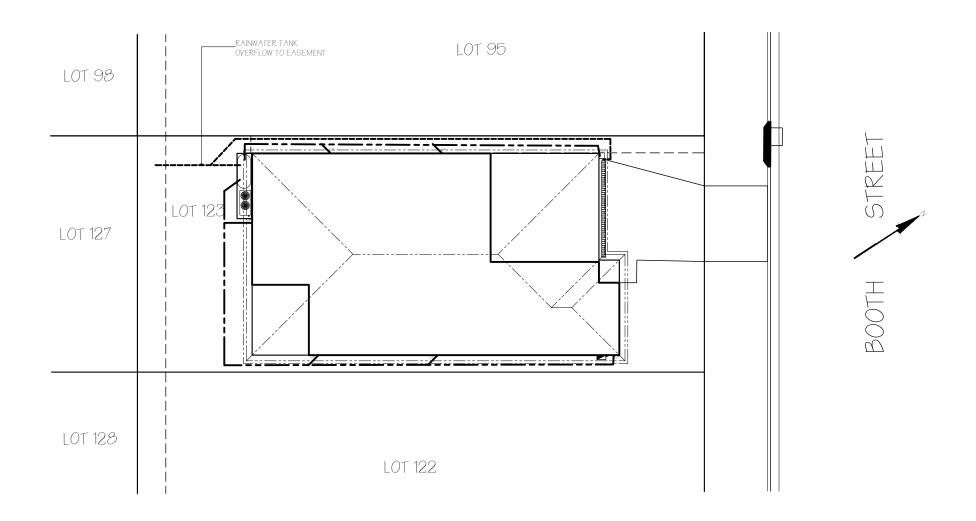
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CDC/DA DRAWING				



LANGTON CONTEMPORARY			Site Address:	MR. J. RIADY & MS. M. RUSTANDI			
	R.H.			GREGORY HILLS 2557			
	Drawn: J.N.	Date: 12.02.18	SECTION	& WINDOW SCHEDULE	Master Issue: A Date: 06.11.17		
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LOT 123 D.P: 1216480 L.G.A: CAMDEN COUNCIL

NOTE: STORMWATER DESIGN TO COMPLY WITH AS3500.0



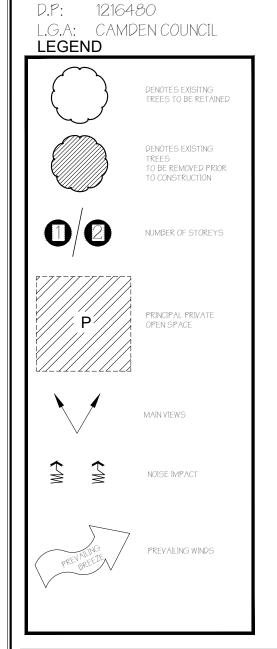
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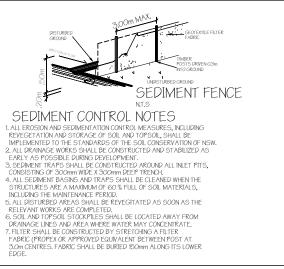
DUAL PROPERTY GROUP LEVEL 1/232 COREEN AVENUE PENRITH 2750

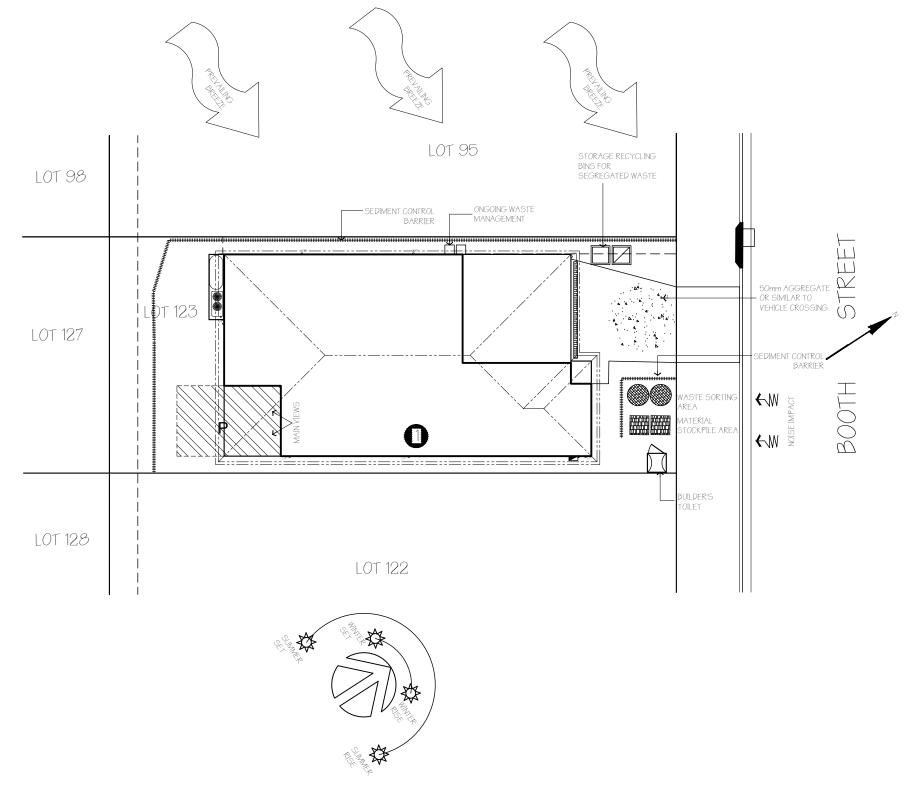
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CONTEMI R.H.	PORARY	LOT 123 E	Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557			
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CONCEPT STORMWATER



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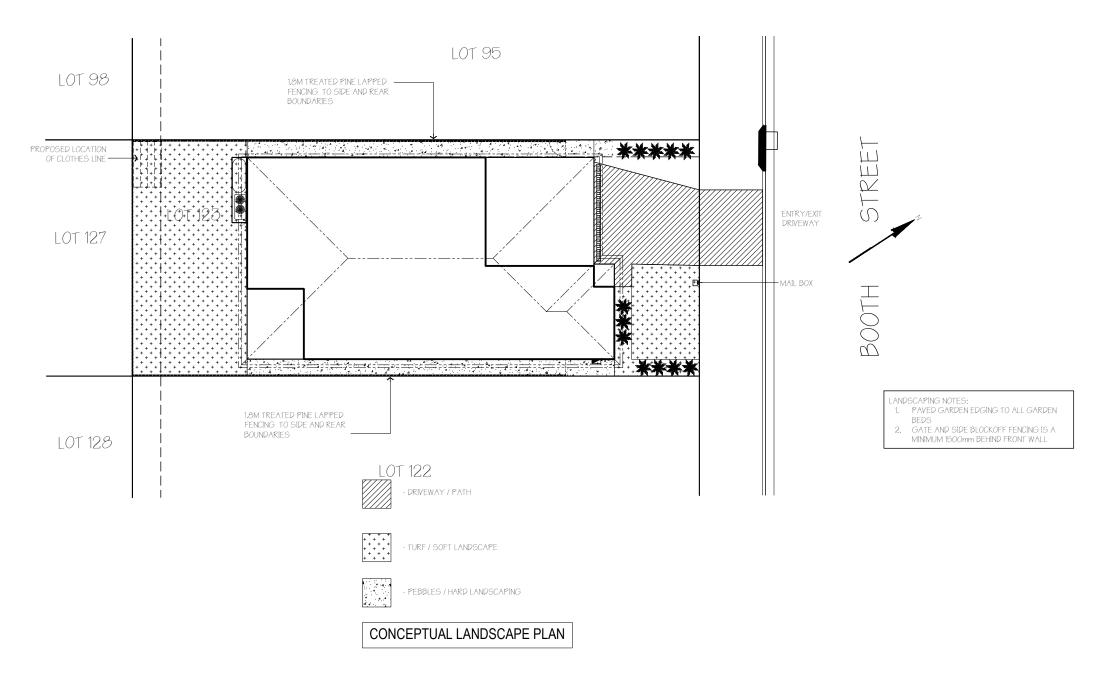
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SITE ANALYSIS & WASTE MANAGEMENT



LANGTON		Client: MR. J. RIADY & MS. M. RUSTANDI		
CONTEMPORARY R.H.		Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557		
Drawn: J.N.	Date: 12.02.18	SITE ANALYSIS & WASTE MANAGEMENT Mister Isoue: Date: Color: Date: Color: Color:		
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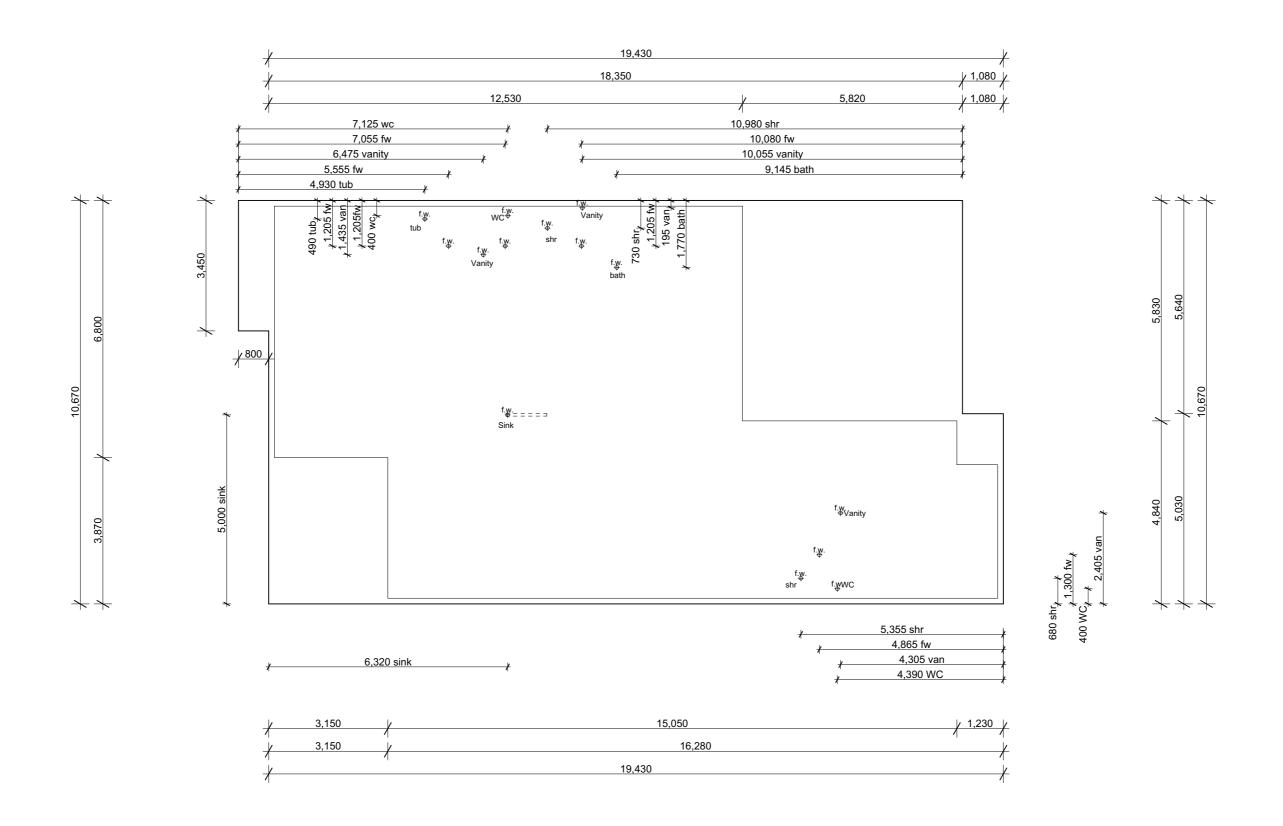


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	Drawn: J.N.	Date: 12.02.18	LAN	DSCAPE PLAN	Master Issue: A Date: 06.11.17
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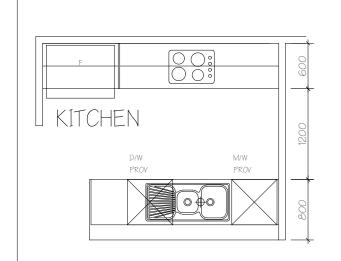
LANDSCAPE PLAN

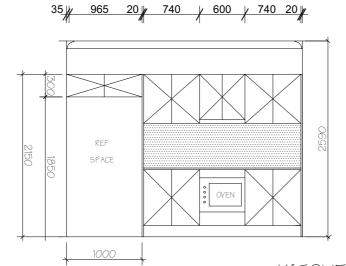


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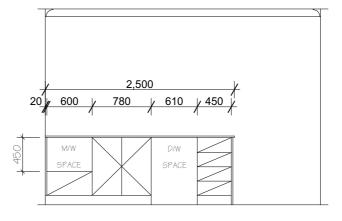
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CONTEMPORARY R.H.		Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557			
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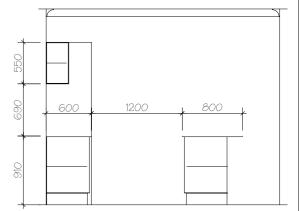




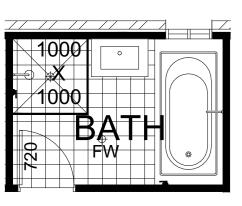
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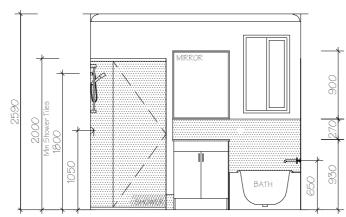
REFER TO CLIENT APPROVED DRAWINGS ISSUED BY KITCHEN MANUFACTURER FOR FINAL CABINETRY AND VANITY DESIGN

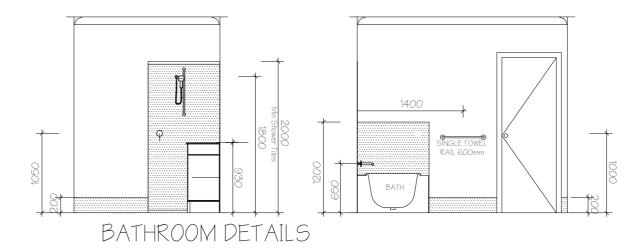


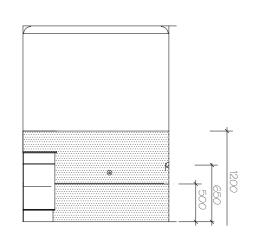


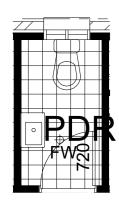
KITCHEN DETAILS

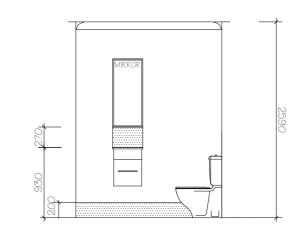


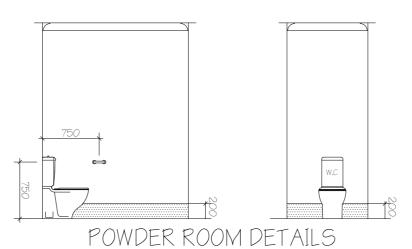


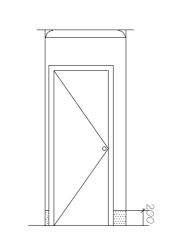












INTERNAL ELEVATIONS ARE INDICATIVE ONLY
 ALL CUPBOARD DIMENSIONS TO BE SITE
 MEASURED

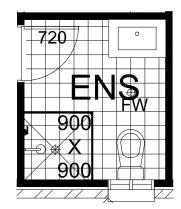
2. SKIRTING WILL BE 200mm

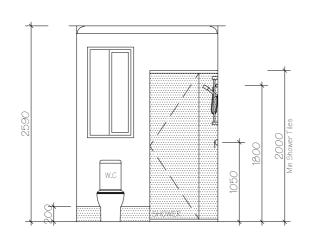
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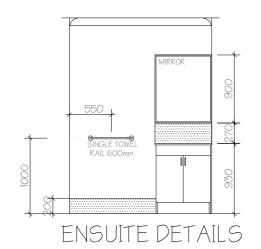
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CDC/DA DRAWING				

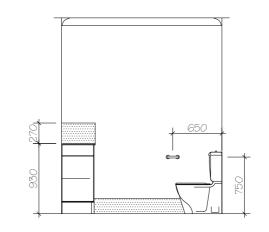


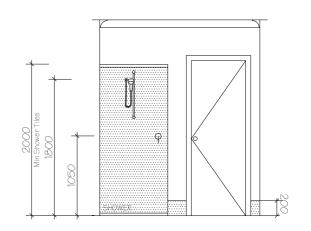
LANGTON CONTEMPORARY R.H.		Site Address LOT 123	Client: MR. J. RIADY & MS. M. RUSTANDI Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557	
Drawn: J.N.	Pate: OG.11.17			Mester leaue: A Pate: 06.11.17
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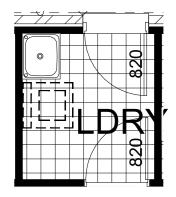


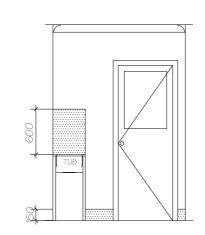




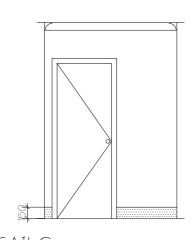


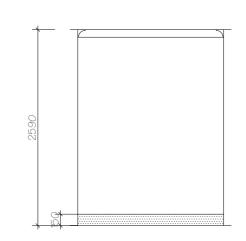












NOTES(applies to Laundry area only):

1. INTERNAL ELEVATIONS ARE INDICATIVE ONLY.

ALL CUPBOARD DIMENSIONS TO BE SITE

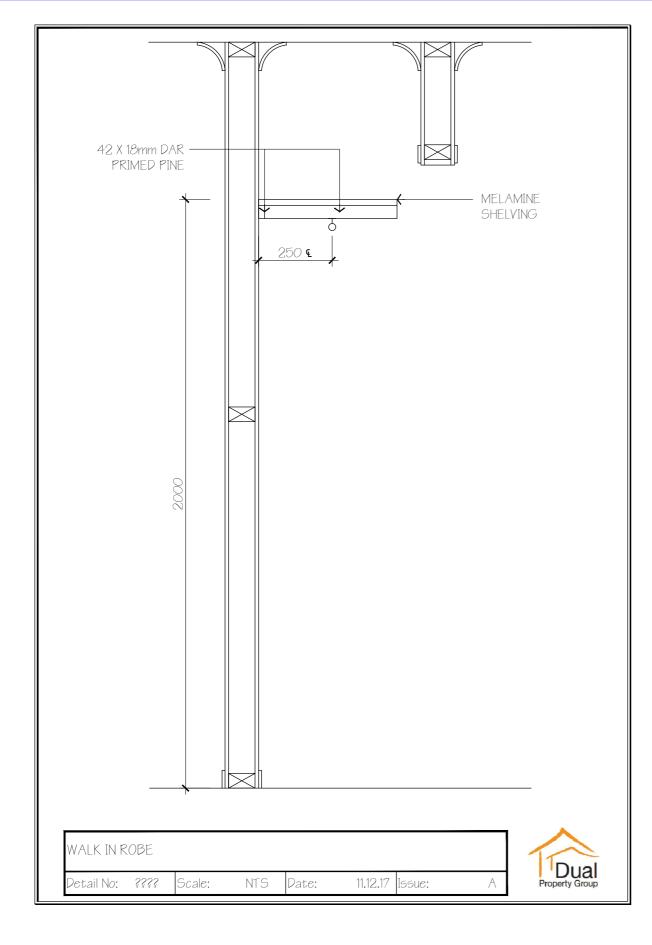
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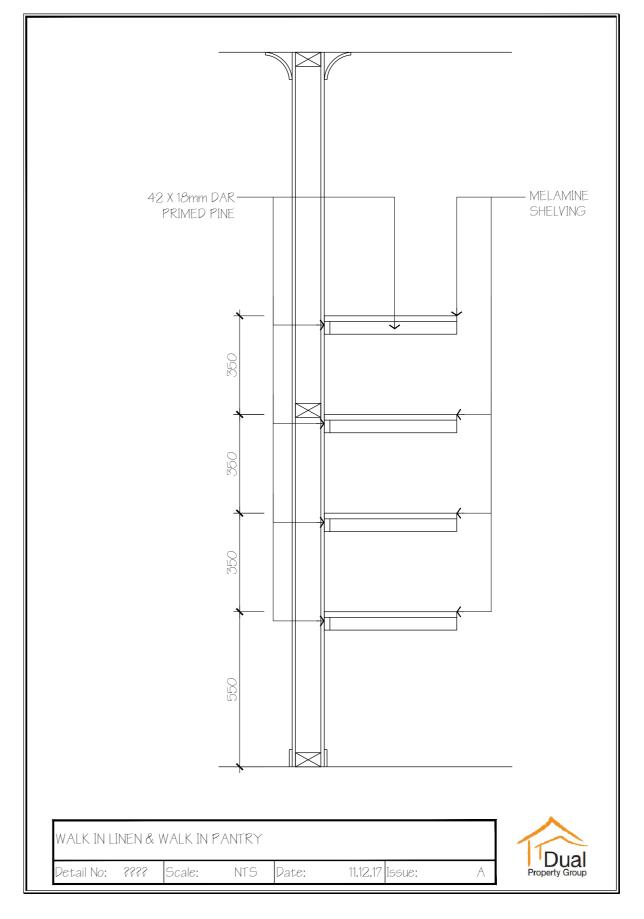
2. SKIRTING TILES WILL BE 150mm

CLIENT SIGN OFF	CLIENT 1	DATE	CLIENT 2	DATE
CDC/DA DRAWING				



LANG1	ON	Client: MR. J. RI/	ADY & MS. M. RUSTANDI		
CONTEMPORARY R.H.		LOT 123	Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557		
Drawn: J.N.	Pate: OG.11.17			Maesor leeus: A Date: 06.11.17	
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CLIENT SIGN OFF	CLIENT 1	DATE	CLIENT 2	DATE
CDC/DA DRAWING				



LANGTON		Client: MR. J. RIADY & MS. M. RUSTANDI			
CONTEMPORARY R.H.		Site Address: LOT 123 BOOTH STREET GREGORY HILLS 2557			
Drawn: J.N.	Pate: OG.11.17	Neacor leacor Desco			
Scale: 1:100	Checked: B.N.	Sheet:	Job No: 214123	Rev:	