

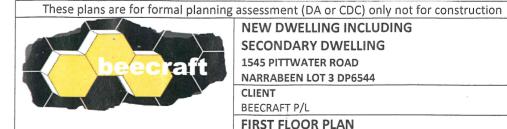
Legend Height x Width Description
D10 2100 x 3000 Stacking glass doors
W11 - W18 1200 x 2100 Glass louvre/fixed/louvre

Glazing Note

W11- W18 to be glazed with single clear glass to achieve a total system U-value: 6.70, SHGC: 0.70 D10 to be glazed with single pyrolytic low-e glass to achieve a total system U-value:5.4,SHGC:0.58

Skylight Note

S2-S4 to be 1m2 maximum in area & glazed to achieve a total system U-value:4.8,SHGC:0.59

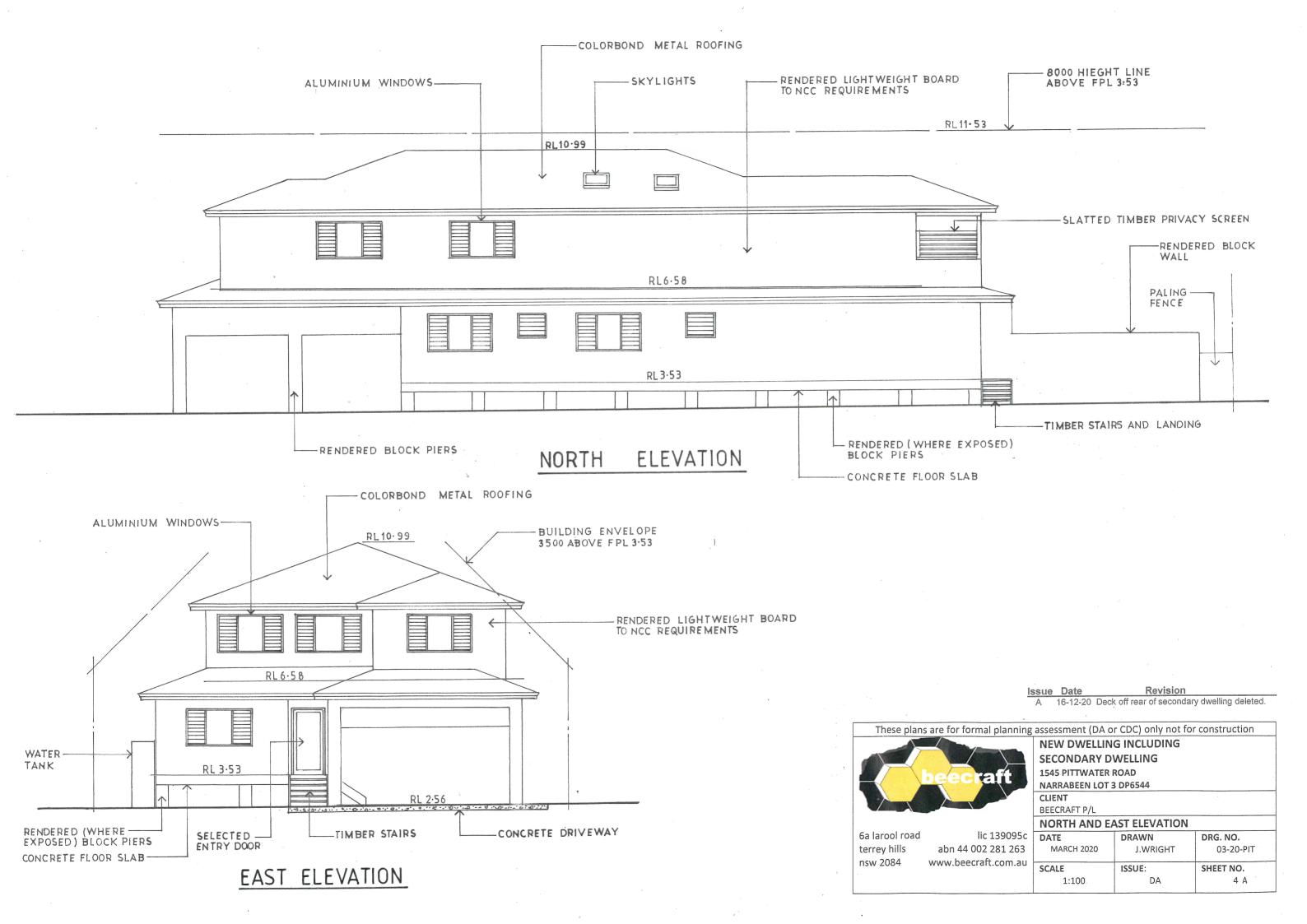


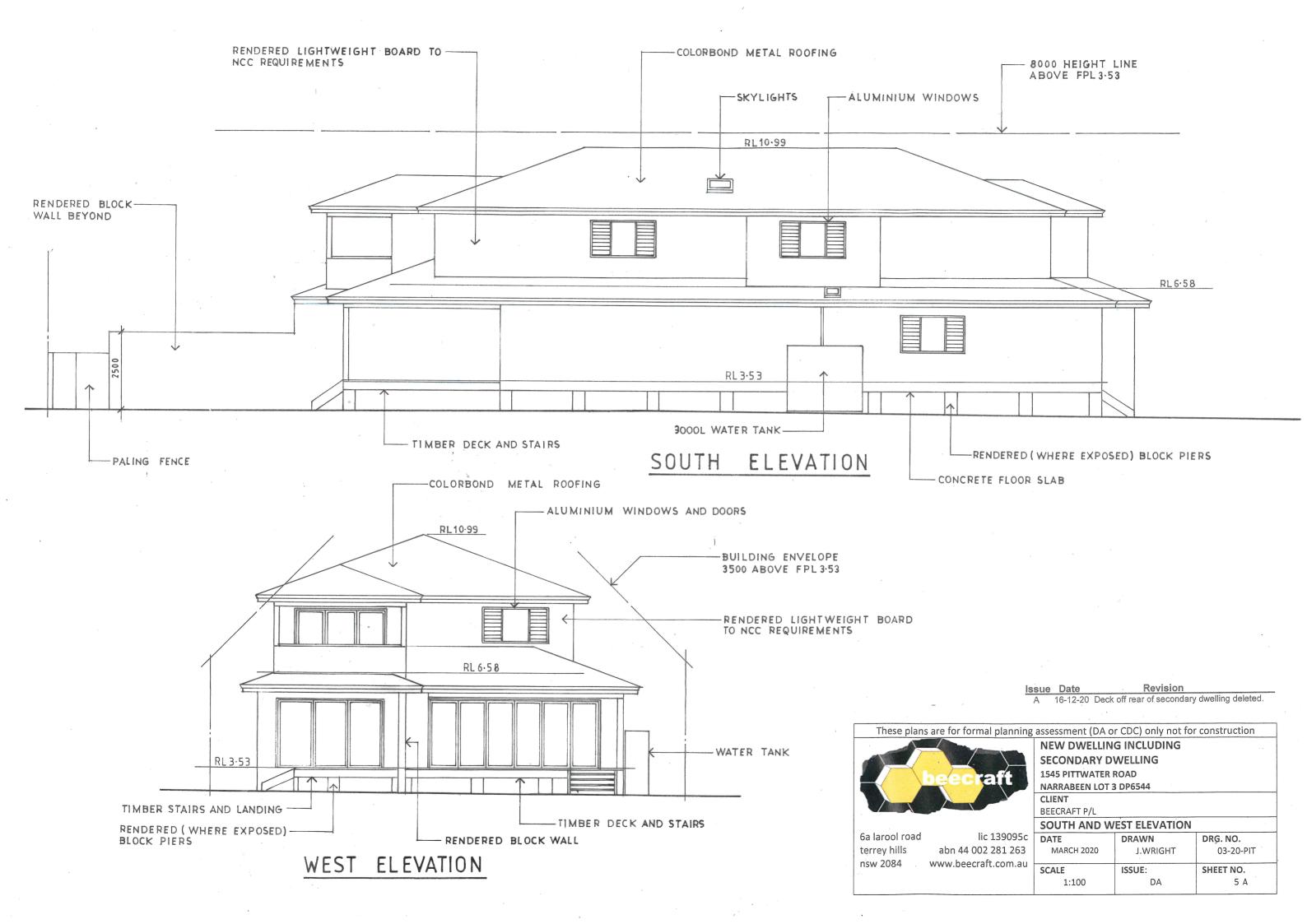
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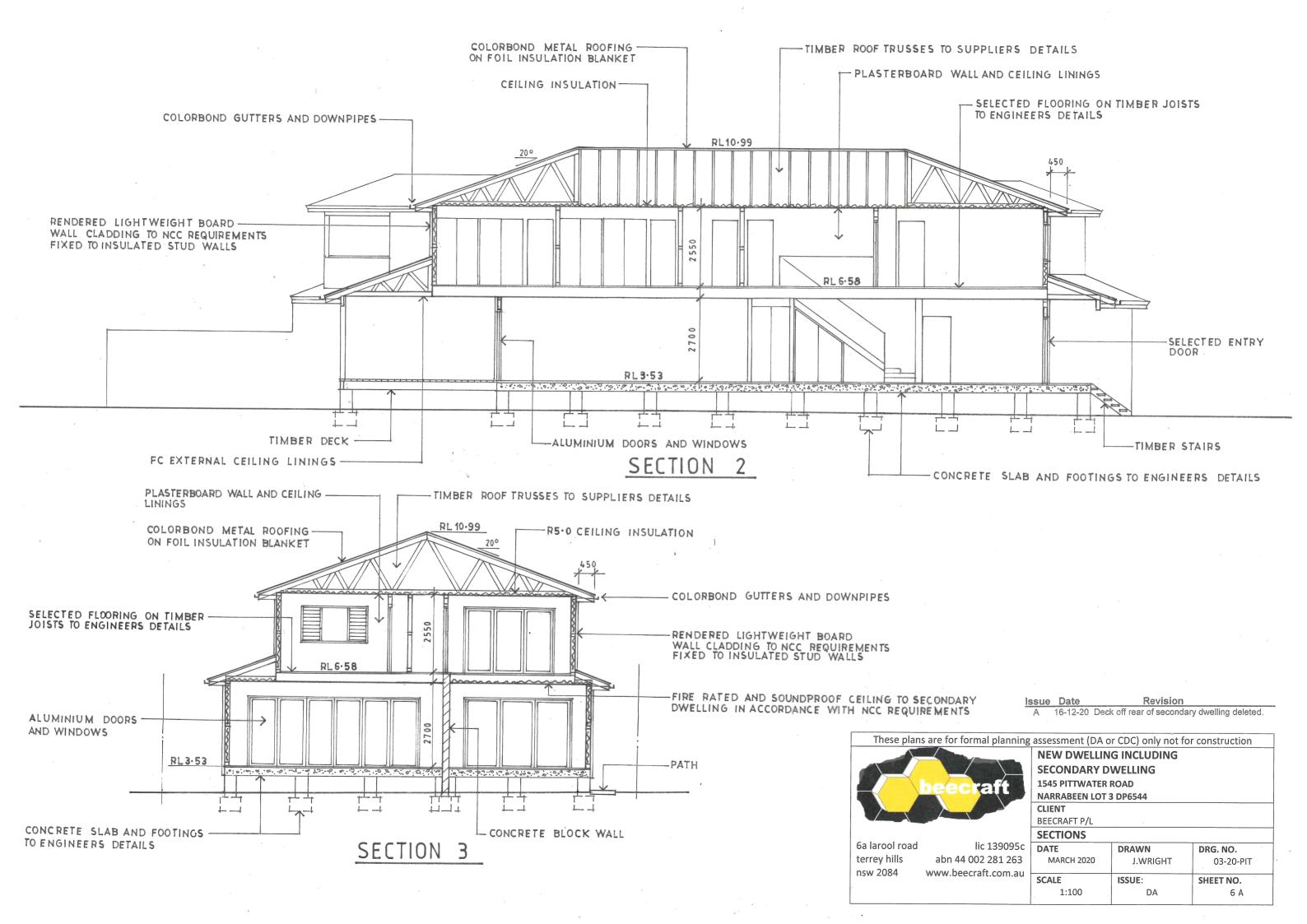
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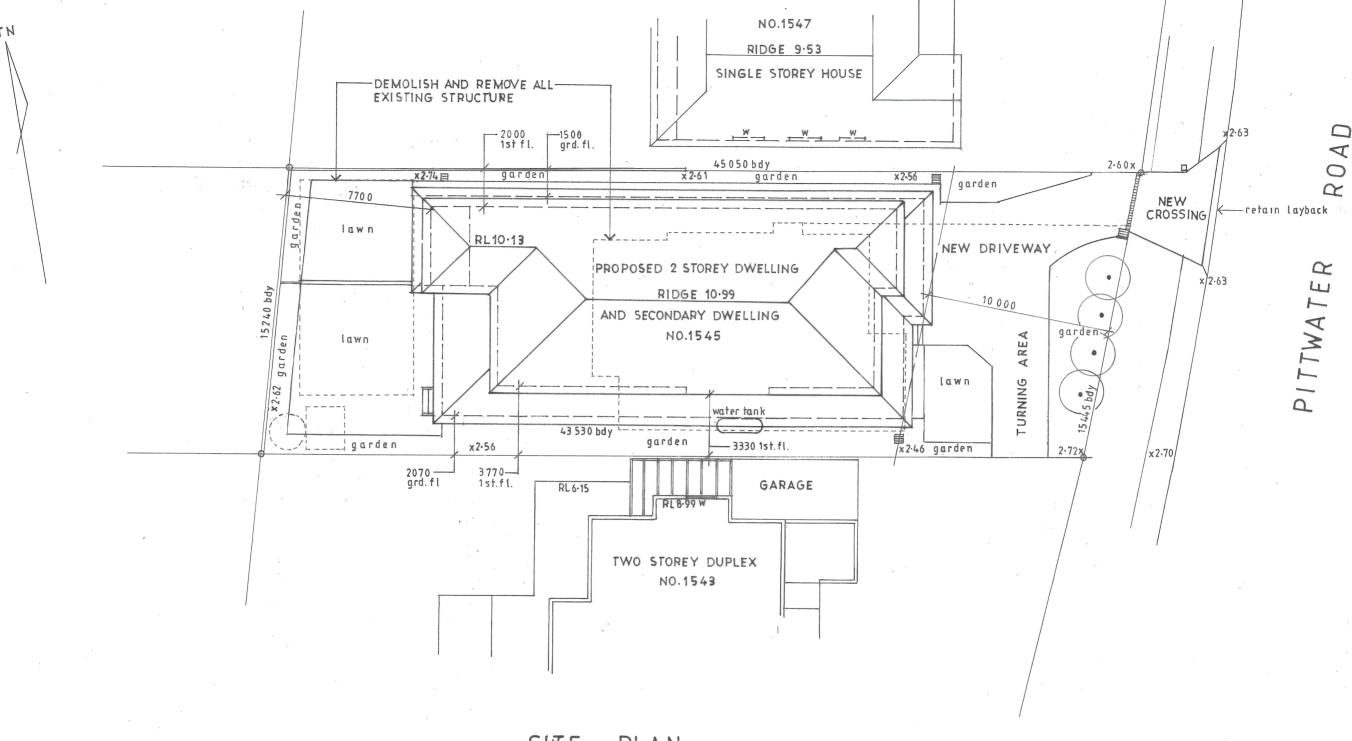
NEW DWELLING INCLUDING SECONDARY DWELLING 1545 PITTWATER ROAD NARRABEEN LOT 3 DP6544 CLIENT BEECRAFT P/L

FIRST FLOOR PLAN DRAWN DATE DRG. NO. MARCH 2020 J.WRIGHT 03-20-PIT SCALE ISSUE: SHEET NO. 1:100 DA 3 A









SITE PLAN

Site Calculations m²

Required (50%).....

Site Area	672
Floor Areas	
Principle Dwelling	
	143.0
Ground FloorFirst Floor	194 2
GFA	337.2
Secondary dwelling	61.2
Allowable 25% of Principle Dwelling GFA	84.3
	0 10
Landscaped Area	,
Vegetated areas including side path less than 1m wide	278 N
Rear deck to principle dwelling and landing deck of secon	∠10.0
dwelling as impervious landscaping (5.7%)	200
3 - 11 - 11 - 12 - 12 - 12 - 12 - 12 - 1	00.0

Total (47%).....

Issue Date Revision 16-12-20 Deck off rear of secondary dwelling deleted. Driveway and turning area revised.
Site Calculations revised. 2-2-21 New Crossing added.

ISSUE:

DA

DRG. NO.

SHEET NO.

03-20-PIT



SCALE

1:200

Building Sustainability Index www.basix.nsw.gov.au

Multi Dwelling

Certificate number: 1124584M

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 06/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Thursday, 03 September 2020
To be valid, this certificate must be lodged within 3 months of the date of issue.



	,
Project address	
Project name	1545 Pittwater Road, North Narrabeen
Street address	1545 Pittwater Road North Narrabeen 2101
Local Government Area	Northern Beaches Council
Plan type and plan number	deposited 6544
Lot no.	3
Section no.	-
Project type	
No. of residential flat buildings	0
No. of units in residential flat buildings	0
No. of multi-dwelling houses	0
No. of single dwelling houses	2
Site details	建设电路 美国工作的
Site area (m²)	672
Roof area (m²)	345
Non-residential floor area (m²)	0.0
Residential car spaces	3
Non-residential car spaces	0

Project summary						
Project name	1545 Pittwater Road, North Narrabeen					
Street address	1545 Pittwater Road North Narrabeen 2101					
Local Government Area	Northern Beaches Council					
Plan type and plan number	deposited 6544					
Lot no.	3					
Section no.	-					
No. of residential flat buildings	0					
No. of units in residential flat buildings	0					
No. of multi-dwelling houses	0					
No. of single dwelling houses	2					
Project score						
Water	✓ 44 Target 40					
Thermal Comfort	✓ Pass Target Pass					
Energy	✓ 50 Target 50					

Common area landscape		
Common area lawn (m²)	0.0	
Common area garden (m²)	0.0	
Area of indigenous or low water use species (m²)	0.0	
Assessor details		
Assessor number	20322	
Certificate number	888888888	
Climate zone	56	
Project score		
Water	✓ 44	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	√ 50	Target 50

Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

2. Commitments for single dwelling houses

(a) Dwellings

(i) Water

- (a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.
- (b) The applicant must plant indigenous or low water use species of vegetation throughout the area of land specified for the dwelling in the "Indigenous species" column of the table below, as private landscaping for that dwelling. (This area of indigenous vegetation is to be contained within the "Area of garden and lawn" for the dwelling specified in the "Description of Project" table).
- (c) If a rating is specified in the table below for a fixture or appliance to be installed in the dwelling, the applicant must ensure that each such fixture and appliance meets the rating specified for it.
- (d) The applicant must install an on demand hot water recirculation system which regulates all hot water use throughout the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below.
- (e) The applicant must install:
 - (aa) a hot water diversion system to all showers, kitchen sinks and all basins in the dwelling, where indicated for a dwelling in the "HW recirculation or diversion" column of the table below; and
 - (bb) a separate diversion tank (or tanks) connected to the hot water diversion systems of at least 100 litres. The applicant must connect the hot water diversion tank to all toilets in the dwelling.
- (e) The applicant must not install a private swimming pool or spa for the dwelling, with a volume exceeding that specified for it in the
- (f) If specified in the table, that pool or spa (or both) must have a pool cover or shading (or both).
- (g) The pool or spa must be located as specified in the table.
- (h) The applicant must install, for the dwelling, each alternative water supply system, with the specified size, listed for that dwelling in the table below. Each system must be configured to collect run-off from the areas specified (excluding any area which supplies any other alternative water supply system), and to divert overflow as specified. Each system must be connected as specified.

	1		Fixtur	es		Appli	ances		Indi	vidual pool		lr .	dividual	spa
Dwelling no.	All shower- heads	All toilet flushing systems	kitchen	All bathroom taps	HW recirculation or diversion	All clothes washers	All dish- washers	Volume (max volume)	Pool cover	Pool location	Pool shaded	Volume (max volume)	Spa cover	Spa shaded
All dwellings	4 star (> 6 but <= 7.5 L/min)	5 star	5 star	5 star	no	-	-		-	-	-	-	-	

Dwelling no.	Alternative water supply systems	Size	Configuration	Landscape connection	Toilet connection (s)	Laundry connection	Pool top-up	Spa top-up
1	individual water tank (no. 1)	Tank size (min) 3000.0 litres	To collect run-off from at least: 120.0 square metres of roof area; 0.0 square metres of impervious area; 0.0 square metres of garden and lawn area; and 0.0 square metres of planter box area.	yes	no	yes	no .	no

These plans are for formal planning assessment (DA or CDC) only not for construction



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SECONDARY DWELLING 1545 PITTWATER ROAD **NARRABEEN LOT 3 DP6544**

NEW DWELLING INCLUDING

CLIENT BEECRAFT P/L

BASIX WATER COMMITMENTS DRG. NO. DRAWN DATE 03-20-PIT MARCH 2020 J.WRIGHT SCALE ISSUE: SHEET NO. 8 DA NO SCALE

(ii) Energy

- (a) The applicant must comply with the commitments listed below in carrying out the development of a dwelling listed in a table below.
- (b) The applicant must install each hot water system specified for the dwelling in the table below, so that the dwelling's hot water is supplied by that system. If the table specifies a central hot water system for the dwelling, then the applicant must connect that central system to the dwelling, so that the dwelling's hot water is supplied by that central system.
- (c) The applicant must install, in each bathroom, kitchen and laundry of the dwelling, the ventilation system specified for that room in the table below. Each such ventilation system must have the operation control specified for it in the table.
- (d) The applicant must install the cooling and heating system/s specified for the dwelling under the "Living areas" and "Bedroom areas" headings of the "Cooling" and "Heating" columns in the table below, in/for at least 1 living/bedroom area of the dwelling. If no cooling or heating system is specified in the table for "Living areas" or "Bedroom areas", then no systems may be installed in any such areas. If the term "zoned" is specified beside an air conditioning system, then the system must provide for day/night zoning between living areas and bedrooms.
- (e) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Artificial lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that the "primary type of artificial lighting" for each such room in the dwelling is fluorescent lighting or light emitting diode (LED) lighting. If the term "dedicated" is specified for a particular room or area, then the light fittings in that room or area must only be capable of being used for fluorescent lighting or light emitting diode (LED) lighting.
- (f) This commitment applies to each room or area of the dwelling which is referred to in a heading to the "Natural lighting" column of the table below (but only to the extent specified for that room or area). The applicant must ensure that each such room or area is fitted with a window and/or skylight.
- (g) This commitment applies if the applicant installs a water heating system for the dwelling's pool or spa. The applicant must:
 - (aa) install the system specified for the pool in the "Individual Pool" column of the table below (or alternatively must not install any system for the pool). If specified, the applicant must install a timer, to control the pool's pump; and
 - (bb) install the system specified for the spa in the "Individual Spa" column of the table below (or alternatively must not install any system for the spa). If specified, the applicant must install a timer to control the spa's pump.
- (h) The applicant must install in the dwelling:
 - (aa) the kitchen cook-top and oven specified for that dwelling in the "Appliances & other efficiency measures" column of the table below;
 - (bb) each appliance for which a rating is specified for that dwelling in the "Appliances & other efficiency measures" column of the table, and ensure that the appliance has that minimum rating; and
 - (cc) any clothes drying line specified for the dwelling in the "Appliances & other efficiency measures" column of the table.
- (i) If specified in the table, the applicant must carry out the development so that each refrigerator space in the dwelling is "well ventilated".
- (j) The applicant must install the photovoltaic system specified for the dwelling under the "Photovoltaic system" heading of the "Alternative energy" column of the table below, and connect the system to that dwelling's electrical system.

	Hot water	Bathroom ver	ntilation system	Kitchen vent	ilation system	Laundry ventilation system				
Dwelling no.	Hot water system	Each bathroom	Operation control	Each kitchen	Operation control	Each laundry	Operation control			
1	gas instantaneous 6 star	individual fan, ducted to façade or roof	manual switch on/off	individual fan, ducted to façade or roof	manual switch on/off	individual fan, ducted to façade or roof	manual switch on/off			
All other dwellings	gas instantaneous 6 star	individual fan, ducted to façade or roof	manual switch on/off	individual fan, ducted to façade or roof	manual switch on/off	natural ventilation only, or no laundry	-			

7.	Cooling		Heating		Artificial lighting						Natural lighting	
Dwelling no.	living areas	bedroom areas	living areas	bedroom areas	No. of bedrooms &/or study	No. of living &/or dining rooms	Each kitchen	All bathrooms/ toilets	Each laundry	All hallways	No. of bathrooms &/or toilets	Main kitcher
1	ceiling fans + 1-phase airconditioning 5 Star (old label) (zoned)	ceiling fans + 1-phase airconditioning 5 Star (old label) (zoned)	gas fixed flued heater 5 Star	-	7 (dedicated)	3 (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	yes (dedicated)	0	-
All other dwellings	ceiling fans + 1-phase airconditioning 5 Star (old label) (zoned)	ceiling fans + 1-phase airconditioning 5 Star (old label) (zoned)	gas fixed flued heater 5 Star	-	1	1	yes	yes	yes	yes	0	-

	Individual p	ool	Individual	Appliances & other efficiency measures								
Dwelling no.	Pool heating system	Timer	Spa heating system	Timer	Kitchen cooktop/oven	Refrigerator	Well ventilated fridge space	Dishwasher	Clothes washer	Clothes dryer	Indoor or sheltered clothes drying line	Private outdoor or unsheltered clothes
						a die office on						drying line
All dwellings	-	-	-	-	gas cooktop & electric oven		yes	-	-	-	-	yes

	Alternative energy
Dwelling no.	Photovoltaic system (min rated electrical output in peak kW)
All dwellings	

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NEW DWELLING INCLUDING SECONDARY DWELLING

1545 PITTWATER ROAD NARRABEEN LOT 3 DP6544

CLIENT BEECRAFT P/L

BASIX ENERGY COMMITMENTS

DATE DRAWN DRG. NO.

MARCH 2020 J.WRIGHT 03-20-PIT

SCALE ISSUE: SHEET NO.

NO SCALE DA 9

BASIX Certificate Centre

Thermal Comfort Specification Summary

ABSA Assessor # 20322

NatHERS Certificate # 0005123390

The	e items specified below are those use	ed in the above certificate. These items must be noted	d on the architectural plans of	or include this specificat	tion block.
Windows	Glass Type	Frame Type	U Value	SHGC Value	
ALM-002-03 A	Single Low E	Aluminium	5.40	0.58	To D9 & D10
ALM-001-01 A	Single Clear	Aluminium	6.70	0.57	To D6
ALM-002-01 A	Single Clear	Aluminium	6.70	0.70	To remainder
	Alternative products with different	glazing and frame types can be used if they have a lo	ower U value and a SHGC va	alue tolerance of + or -	5%.
Skylights	Glass Type	Frame Type	U Value	SHGC Value	
Skylight Standard Type	Double Clear	Aluminium	5.4	0.69	
External Wall Type		Insulation	Colour	Description	
Concrete Block + Plasterboa	ard Internally	R2.0 (or total R Value 2.41)	Medium	As per plans	
FC Style Sheeting on Frame	•	Sisalation+R2.0 (or total R Value 2.24)	Medium	As per plans	
Internal Wall Type		Insulation		Description	
Concrete Block + Plasterboa	ard	As per NCC Requirements		For Dividing or Part	y walls
Plasterboard + Frame		R2.0		To Bathrooms and i	-
Plasterboard + Frame		None		To remainder as pe	
Floor Type	Insulation	Floor Finishes		Description	•.
Concrete (Suspended)	R2.0	Timber, Carpet & Tiles		To Ground Floor as	per plans.
Framed	R2.0	Carpet & Tiles		To First Floor "Oper	•
Framed	R2.0 (Minimum or as per NCC)	Carpet & Tiles		To First Floor over U	Jnit 2
Framed	None	Carpet & Tiles		To remainder of Firs	st Floor over Unit 1
Ceiling Type		Insulation		Description	
Plasterboard		R4.0		To Unit 2 below Bal	cony
Plasterboard		(See above)		For Unit 2 below Un	it 1
Plasterboard	1.5	None		To Unit 1 below Firs	t Floor
Plasterboard		R5.0		To remainder as per	plan
Roof Type		Insulation	Colour	Description	
Framed + Tiles (Balconies)		Total R value of 4.49 Up & 4.53 Down	Medium	As per plans	
Metal Sheeting		Anticon 55 or similar	Medium	As per plans	
•		NB: Total R Value includes the insulation listed	in Ceiling Type		
External Shade Devices	5 :				
None required for simulation		- '			
Additional items:					
Roof Ventilation:	None		Ventilated Skylig	hts:	No
Sealed Exhaust Fans:	Yes (self closing)		Insulated Garage	door:	N/A
Seals to Windows:	Yes - to AS2047		Approved Sealed	LED Downlights:	Yes (if downlights installed
Seals to doors:	Yes - to AS2047	•	Approved Downl	ight Covers:	Not required
	•	NB: LED Downlights must be sealed to elimina	ate ventilation.		
BASIX Construction Areas		Unit 1		Unit	2
		Suspended Floor / Open Subfloor		Suspended Floor /	Open Subfloor
		186 m²		62 m	2

NB: Builder to ensure compliance with all relevant NCC requirements

These plans are for formal planning assessment (DA or CDC) only not for construction

NEW DWELLING INCLUDING

SECONDARY DWELLING

1545 PITTWATER ROAD

NARRABEEN LOT 3 DP6544

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Planting & Maintenance Specification

- 1. A pH test to be performed prior to planting and corrected if result is unacceptable.
- 2. Turf to be laid on 100mm topsoil over 150mm deep prepared area. Care taken to hand cultivate in any area where tree roots exist to preserve health of tree.
- 3. Planting beds to have quality compost mixed through top 300mm of existing or new soil.
- 4. All garden beds to be mulched with a minimum of 75 thick cover of leaf litter or other mulch.
- 5. All garden beds to be fertilized with Dynamic Lifter after planting. Water well into soil after spreading.
- 6. Fertilizing should take place at least every Spring, preferably during both Spring and Autumn periods (September November and March April)
- 7. Hedged species to be pruned every Spring (September) and also Autumn (March). Light to medium pruning is recommended to keep a dense habit.
- 8. Newly planted trees should be secured with stakes and suitable ties to prevent rocking by wind. Planting holes for plant material should be large enough in size to take root ball and back filling of good quality planting mix.

Landscaping Certification

Julie Wright Certificate of Horticulture
37 McKillop Road

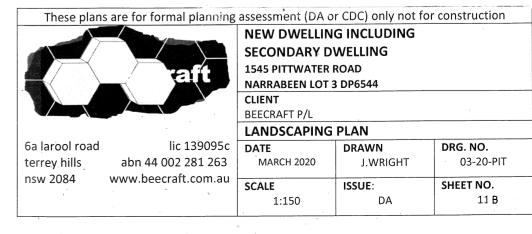
Beacon Hill NSW

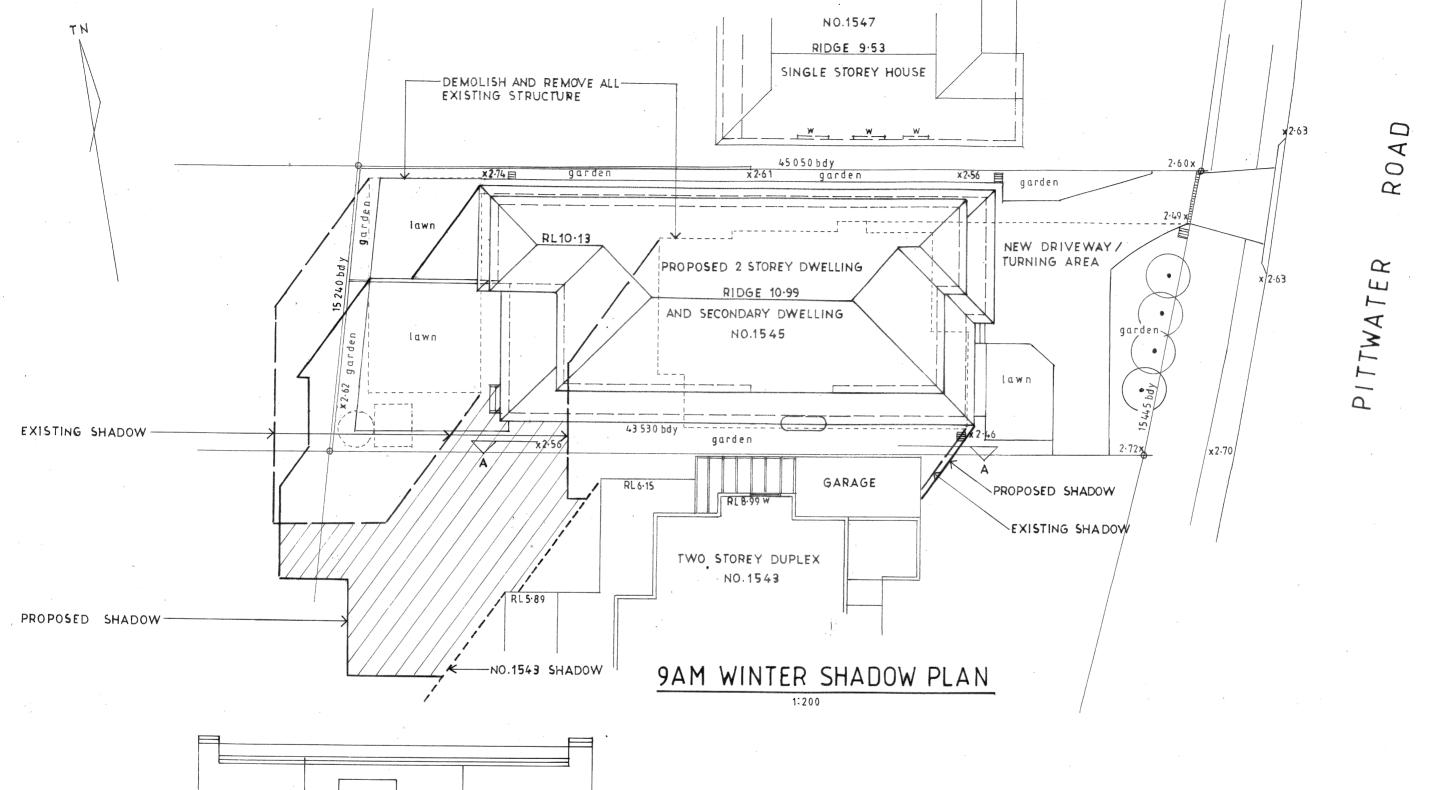
Plant Schedule

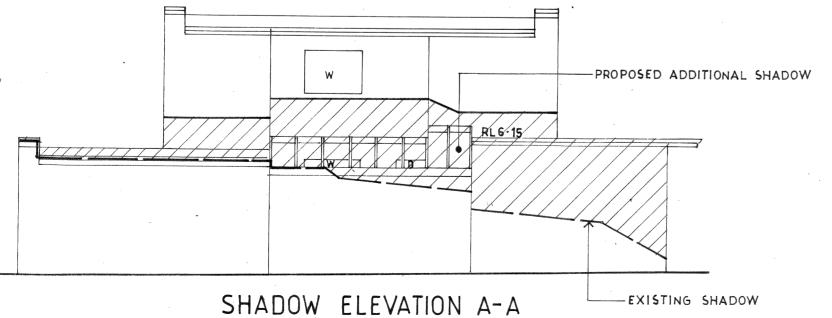
Legend	Common Name	Botanical Name	Qty.	Pot Size	Height
S	Syzygium	Syzygium Australe "southern aussie"	74	150mm	Hedged to 3m
Е	Blueberry Ash	Elaeocarpus reticulatus	3	300mm	8m
В	Buxus	Buxus microphylla	25	100mm	600mm

Issue	Date	Revision
A	16-12-20	Deck off rear of secondary dwelling deleted.
		Driveway and turning area revised.

B 2-2-21 New Crossing added



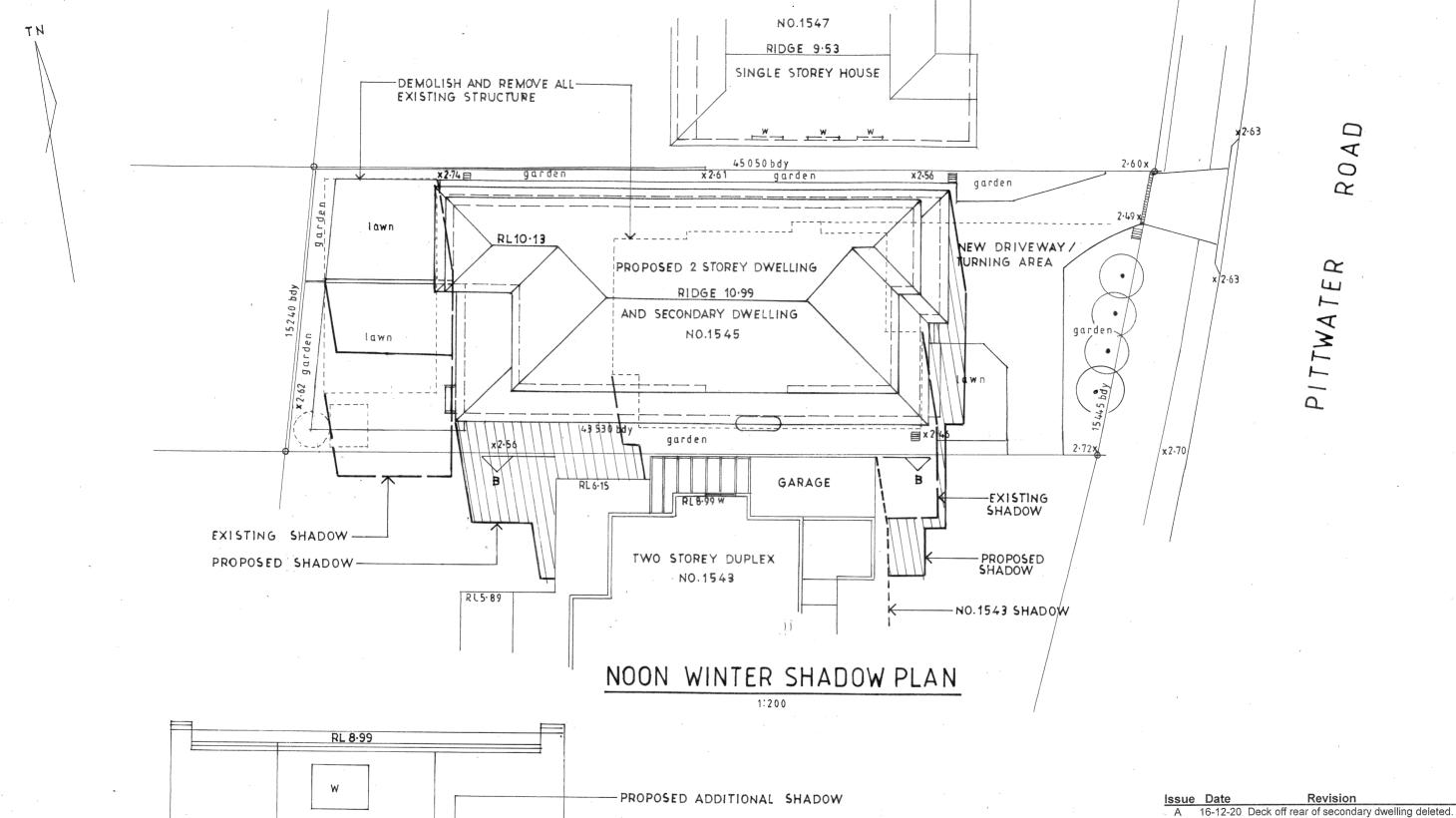


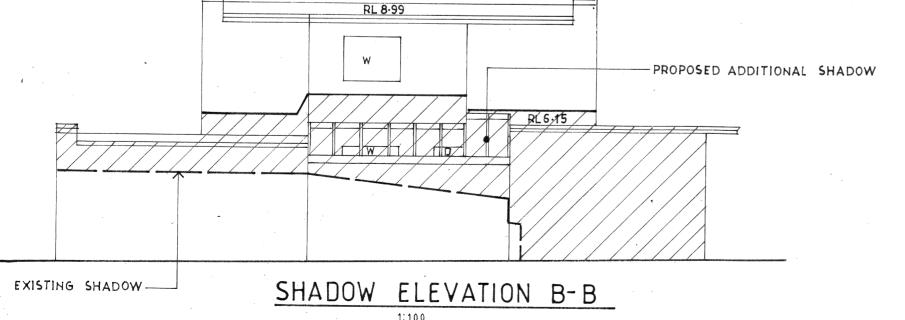


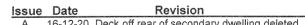
 Issue
 Date
 Revision

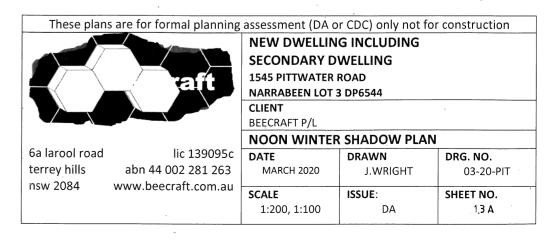
 A
 16-12-20
 Deck off rear of secondary dwelling deleted.

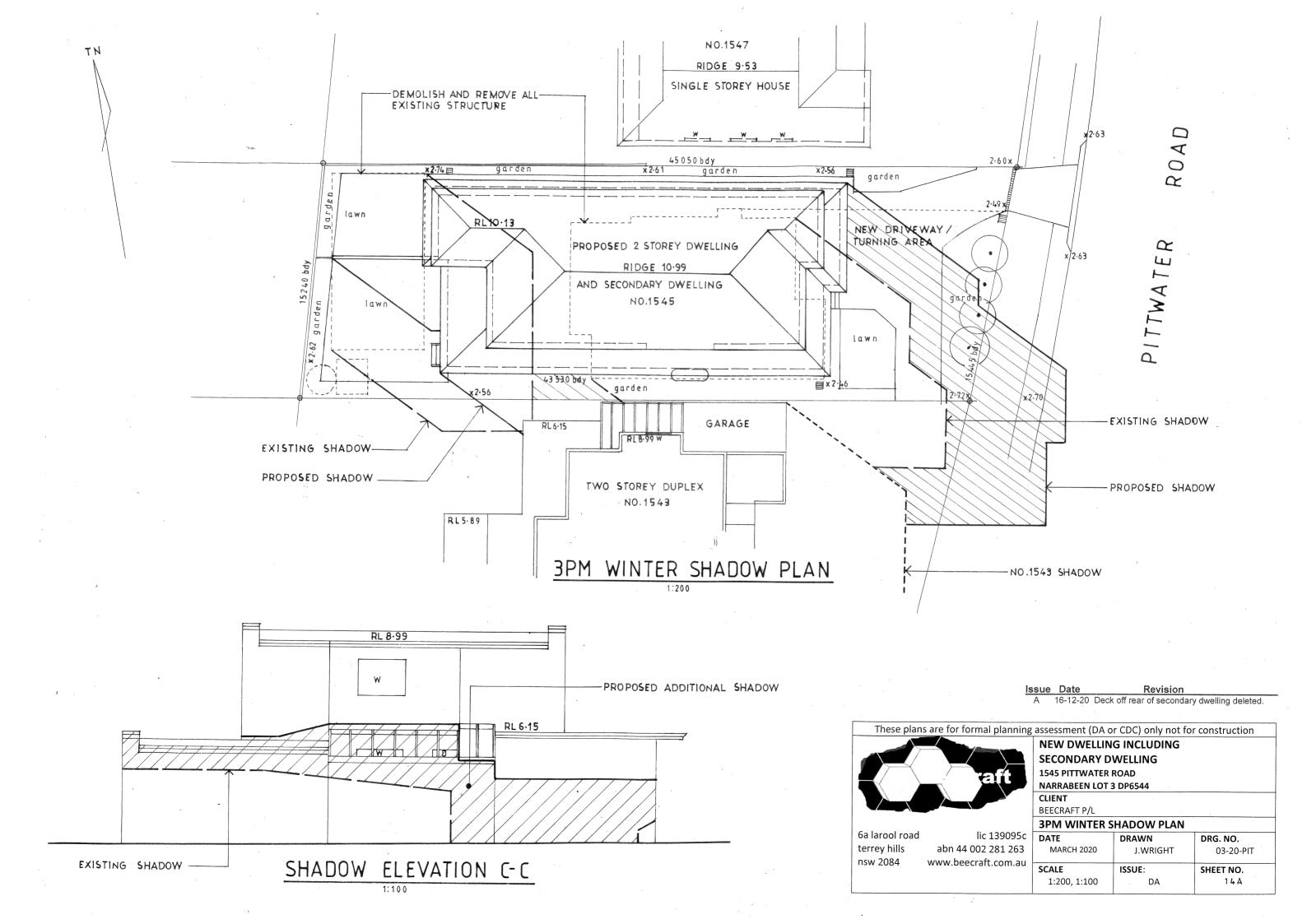


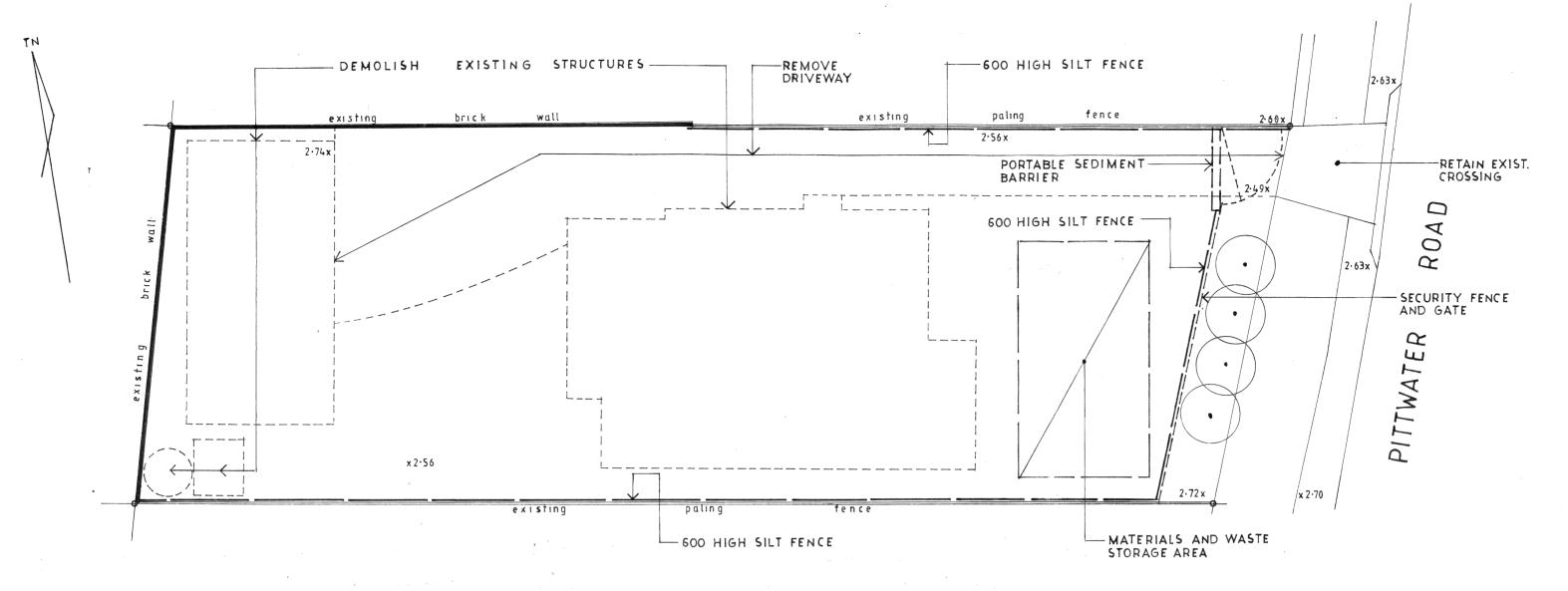






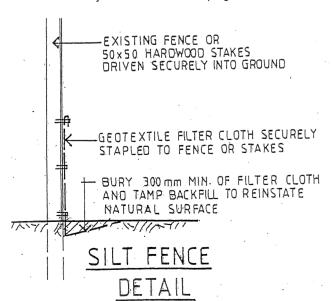






Sediment and Erosion Control

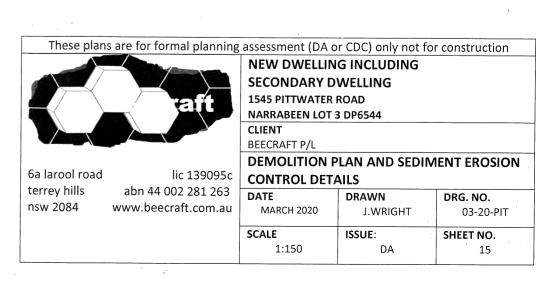
- Install 600 high silt fence as shown.
- Clear fences of sediment periodically and after periods of heavy rain.
- Repair any damage to silt fence immediately.
- Brush clean truck tyres before leaving site.
- Clean up spillages outside silt fence immediately.
- Sediment control measures to be left in place until boundary fences and landscaping works commence.



DEMOLITION PLAN AND SEDIMENT EROSION CONTROL DETAILS

Demolition Notes

- Contractors to visit site to become familiar and verify existing conditions. The demolition
 details shown on this drawing serve as a guide to the contractor in his evaluation of the
 extent of demolition but shall not be all inclusive.
- Contractors shall be responsible for providing and maintaining dust control measures during the demolition and construction period.
- All construction areas, traffic and associated areas shall be kept clean of debris by the contractor daily.
- The contractor responsible for demolition works shall co-ordinate any asbestos removal required with a licensed asbestos removal contractor.
- All works generally to be carried out in accordance with Work Cover NSW guidelines and legislative requirements.
- Prior to commencement of demolition works install sediment control measures.



Schedule of Finishes

New Dwelling and Secondary Dwelling 1545 Pittwater Road, North Narrabeen



COLORBOND METAL ROOFING AND GUTTERS - COLORBOND MONUMENT



RENDERED WALL FINISH - DULUX PAVING STONE



EAVES AND EXPOSED TIMBER – DULUX SNOWY MOUNTAINS
ALUMINIUM WINDOWS AND DOORS – WHITE
TIMBER MERBAU DECKS – NATURAL STAIN