	DDAMANIA
	DRAWING LIST
DRAWING NO.	DRAWING NAME
000	COVER PAGE
005	BASIX COMMITMENT
010	LOCATION PLAN
020	CUT&FILL PLAN
050	SITE ANALYSIS PLAN
120	GROUND FLOOR PLAN
130	LEVEL 1 PLAN
140	ROOF PLAN
200	ELEVATION
210	ELEVATION
300	SECTION
500	SHADOW DIAGRAM
510	SHADOW DIAGRAM
600	AREA CALCULATION
700	EXTERNAL FINISH SCHEDULE



DEVELOPMENT APPLICATION PROPOSED DWELLING AT LOT 20, 10 FERN CREEK ROAD, WARRIEWOOD

PREPARED FOR

			S SUMMERY NOTES I WITH BASIX CERTIFICATE)						
	`		cate # 1249735S						
WATER	No hot water reticulation re	quired							
Fixtures	All shower heads	All toilets	All kitchen taps	All bathrooms taps					
Rating	4 Star(>4.5 But<=6L/Min)	4 star	4 star	4 star					
Alternate water sour	ce			•					
Rain Water Tank	Туре	Size	Roof area connected	Connections					
	Individual RWT	2000L	90 m2	Outdoor tap for landscape only					
Swimming pool									
	Volume	Heated	Cover	Shaded					
ENERGY									
Hot water	Туре		Rating						
I	ndividual, gas instantaneou	S	5 star						
Mech. Ventilation	System		Operation Control						
Bath	Indiv. fan, ducted to facad	e or roof	Manual Switch On/Off						
L'dry	Indiv. fan, ducted to facad	e or roof	Manual Switch On/Off						
Kitchen	Indiv. fan, ducted to facad	e or roof	Manual Switch On/Off						
Cooling System			Living areas	Bed rooms					
	1 Phase Air conditioning: D	Day / Night Zoned	3 star (average zone)	3 star (average zone)					
Heating System	Туре		Living areas	Bed rooms					
	1 Phase Air conditioning: D	Day / Night Zoned	3 star (average zone)	3 star (average zone)					
Artificial Lighting	Primary type of artificial	lighting is fluoresc	scent or light emitting diode (LED)						
		No. of Living	Each Kitchen, Bath / Toilet						
	All	All	Yes	Yes					
Others	Indoor private Cloth Line		Not Required	•					
	Outdoor or sheltered Clo	th Line	Yes						
	Well ventilated Fridge sp	ace	Yes						
	Kitchen Cook top / Oven		Gas Cook top + Electric Oven						
THERMAL	As per thermal simulation carried out by assessor								
	External Wall Insulation	n: R2.8							
stamped drawings)	Ceiling Insulation: R3.0								
	Roof type / colour : Metal roof, Medium Colour (SA 0.475 - 0.7) + SS Foil (R1.3)								
		•	tint U=6.6 SHGC =0.441 - 0						
	All External doors & w	indows to be wea	ather sealed						
	Eaves / shading as per								



Contractors to verify all dimensions on site before any shop drawings or work is commenced.

This drawing is the copyright of PTI Architecture Pty Ltd and may not be altered, reproduced or transmitted in any form or by any means, in part or in whole without the written permission of PTI Architecture Pty Ltd.

DEVELOPMENT APPLICATION SURVEY ISSUE

DESCRIPTION

BY CHK DATE REV

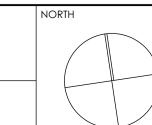
DESCRIPTION

DL KC/Pl 15.10.21 CLIENT
DL GF/Pl 11.11.21 SKYCORP AUSTRALIA

BY CHK DATE

LOT 20,10 FERN CREEK ROAD, WARRIEWOOD

DRAWING
BASIX COMMITMENT

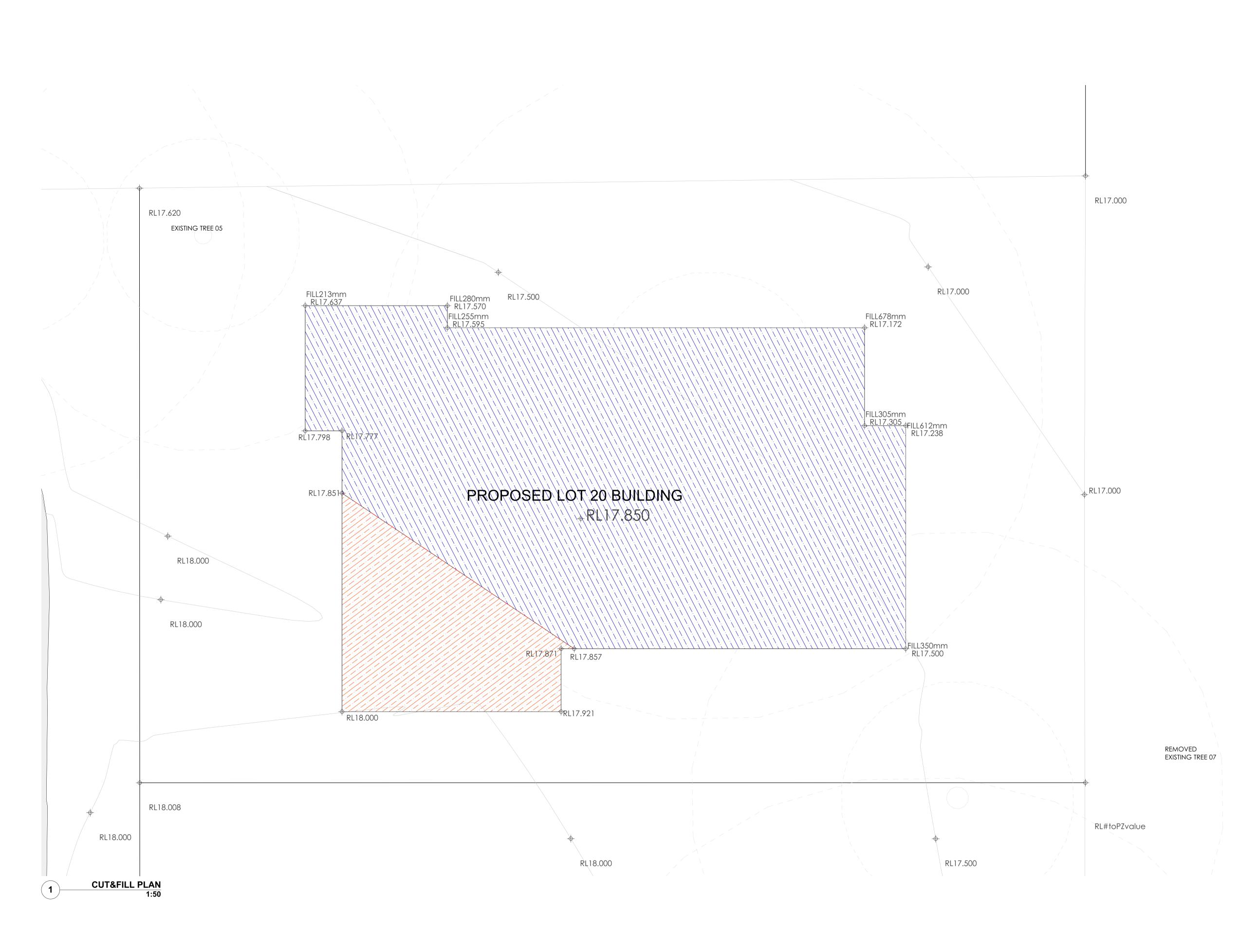


	DRAWN	CHECKED
	DL, KC	PI / KC
\rightarrow	PROJECT NO P563	SCALE 1:1@A1,



LOCATION PLAN

DL KC/PI 15.10.21 CLIENT DL GF/PI 11.11.21 CHECKED Contractors to verify all dimensions on site before any shop drawings or work is commenced.
 Figured dimensions to be taken in preference to scaled dwgs.
 This drawing is to be read in conjunction with the specification and engineers drawings. SURVEY ISSUE LOT 20,10 FERN CREEK ROAD, DL, KC PI / KC SKYCORP AUSTRALIA Main Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010
Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2150
+ 61 2 9283 0860 | www.ptiarchitecture.com.au
Nominated Registered Architect: Peter Israel (reg no 5064)
ABN 90 050 071 022 SCALE 1:1000@A1, WARRIEWOOD
DRAWING
LOCATION PLAN This drawing is the copyright of PTI Architecture Pty Ltd and may not be altered, reproduced or transmitted in any form or by any means, in part or in whole without the written permission of PTI Architecture Pty Ltd. DESCRIPTION BY CHK DATE DESCRIPTION BY CHK DATE REV



ARCHITECTURE Tourism + Residential	M P • N A
------------------------------------	--------------------

Main Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010
Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2150
+ 61 2 9283 0860 | www.ptiarchitecture.com.au
Nominated Registered Architect: Peter Israel (reg no 5064)
ABN 90 050 071 022

	NOTE						Α	DEVELOPMENT APPLICATION
2150	 Contractors to verify all dimensions on site before any shop drawings or work is commenced. Figured dimensions to be taken in preference to scaled dwgs. This drawing is to be read in conjunction with the specification and engineers drawings. 						В	SURVEY ISSUE
	This drawing is the copyright of PTI Architecture Pty Ltd and may not be altered, reproduced or transmitted in any form or by any means, in part or in whole without the written permission of PTI Architecture Pty Ltd.							
			DESCRIPTION	BY	СНК	DATE	REV	DESCRIPTION

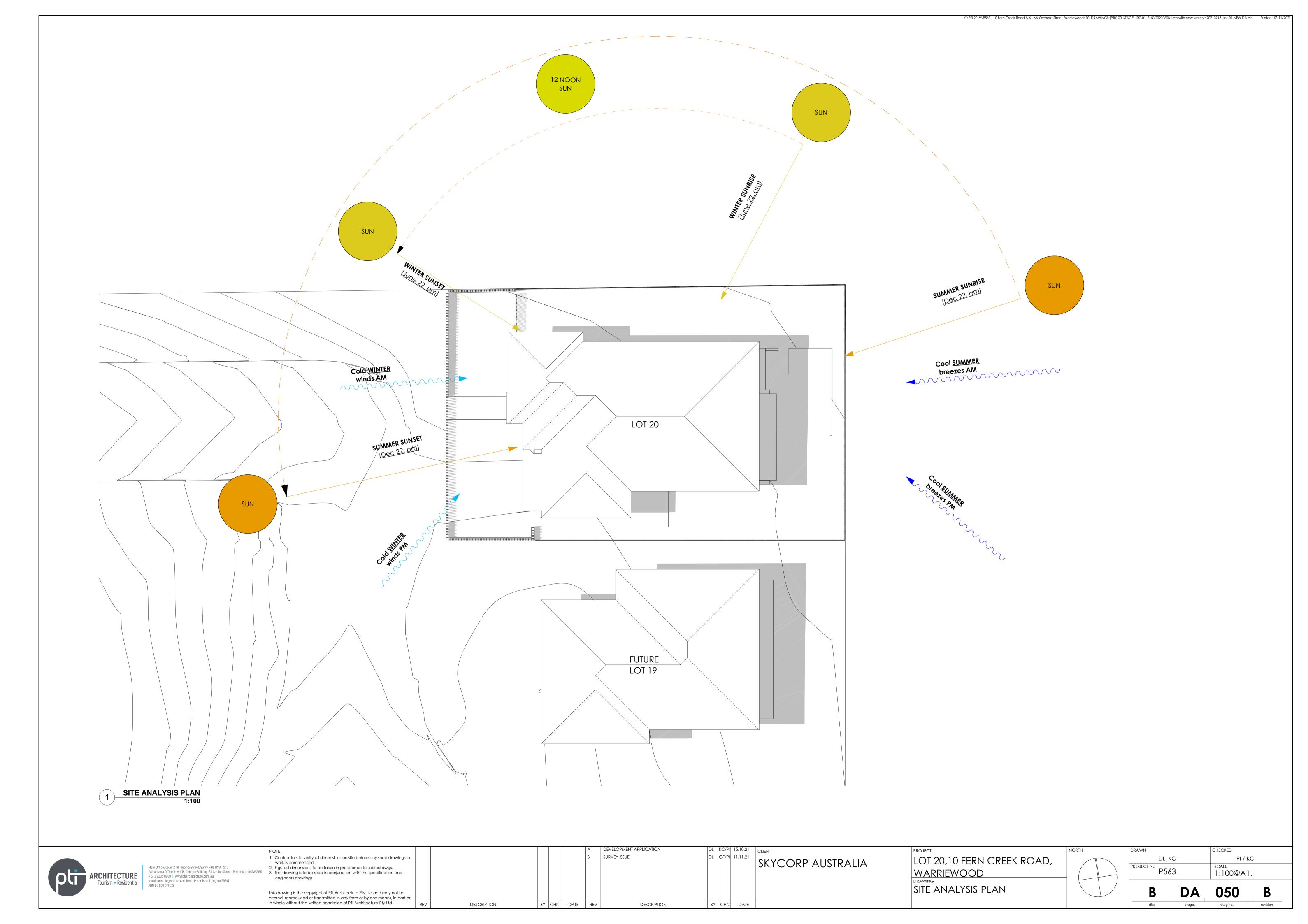
DL KC/Pl 15.10.21 CLIENT DL GF/Pl 11.11.21 SKYCORP AUSTRALIA

BY CHK DATE

PROJECT	
LOT 20,10 FERN CREEK ROAD,	
WARRIEWOOD	
DRAWING	
CUT&FILL PLAN	

NORTH

	DRAWN	CHECKED
	DL, KC	PI / KC
}	PFOJECT NO P563	1:50@A1,
/		







Main Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010
Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2150
+ 61 2 9283 0860 | www.ptiarchitecture.com.au
Nominated Registered Architect: Peter Israel (reg no 5064)
ABN 90 050 071 022

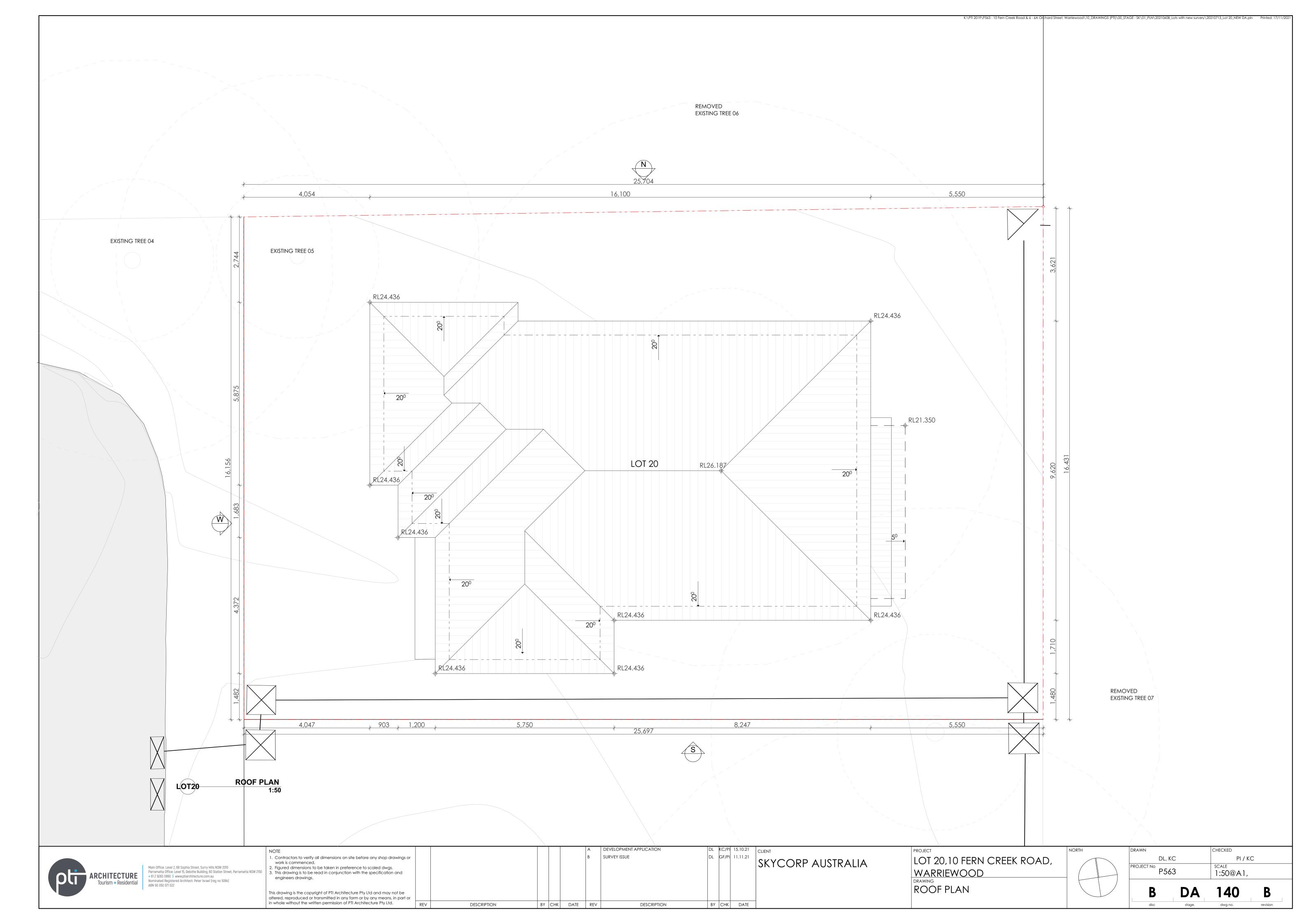
 Contractors to verify all dimensions on site before any shop drawings or work is commenced. Figured dimensions to be taken in preference to scaled dwgs.
 This drawing is to be read in conjunction with the specification and engineers drawings. This drawing is the copyright of PTI Architecture Pty Ltd and may not be altered, reproduced or transmitted in any form or by any means, in part or in whole without the written permission of PTI Architecture Pty Ltd.

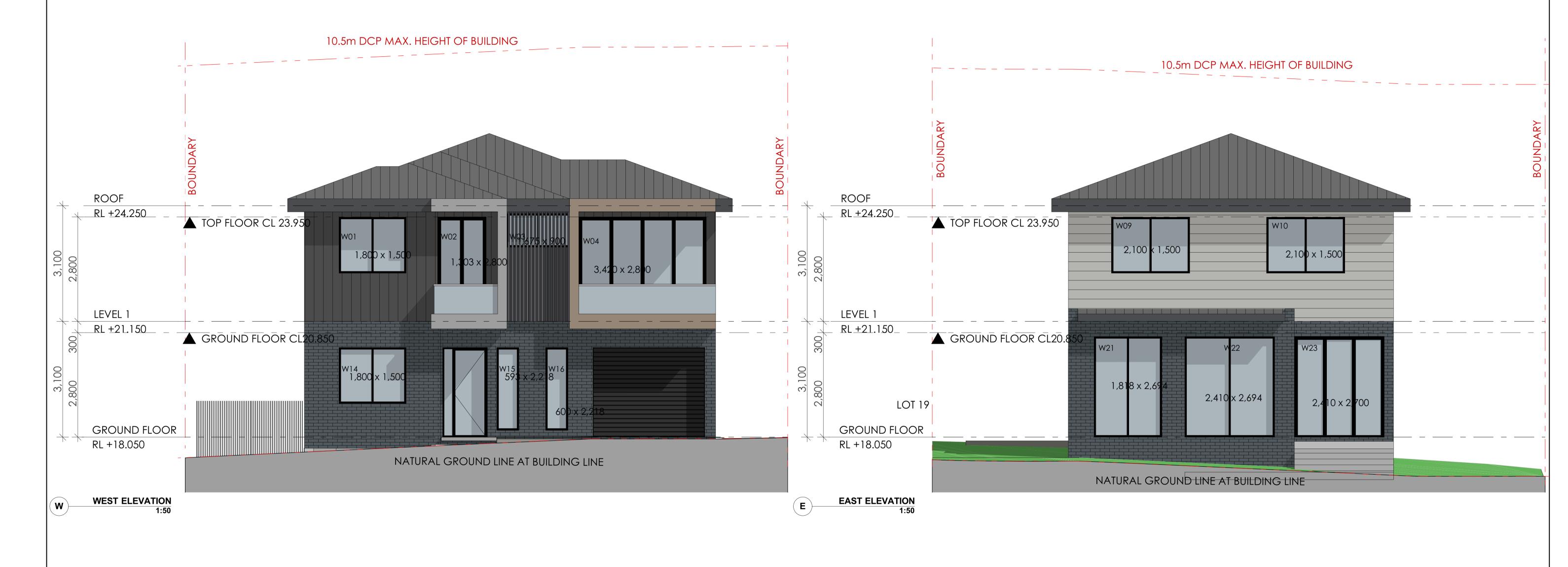
DESCRIPTION

DL KC/PI 15.10.21 CLIENT DL GF/PI 11.11.21 DEVELOPMENT APPLICATION SURVEY ISSUE BY CHK DATE REV DESCRIPTION BY CHK DATE

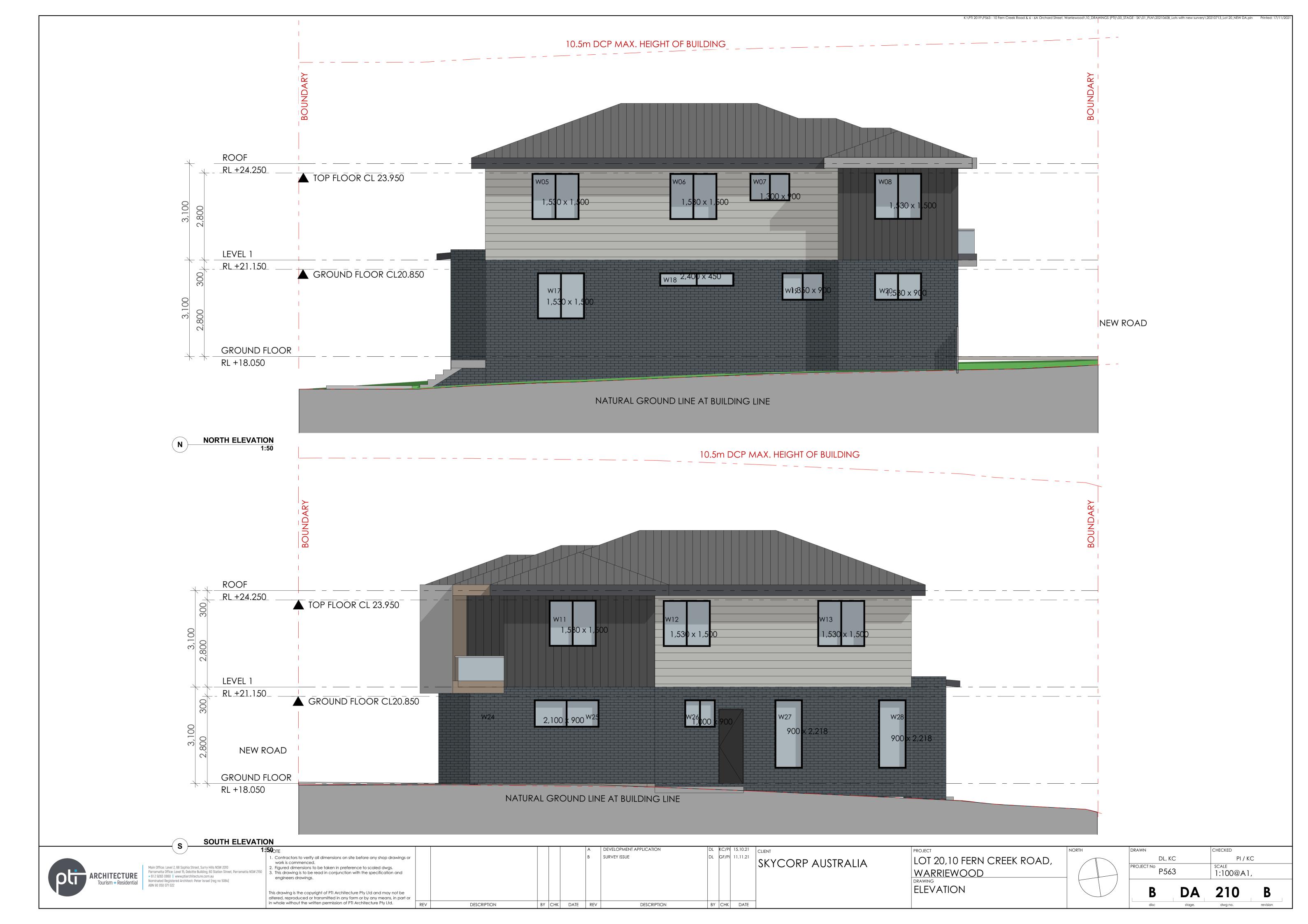
LOT 20,10 FERN CREEK ROAD, SKYCORP AUSTRALIA WARRIEWOOD
DRAWING
LEVEL 1 PLAN

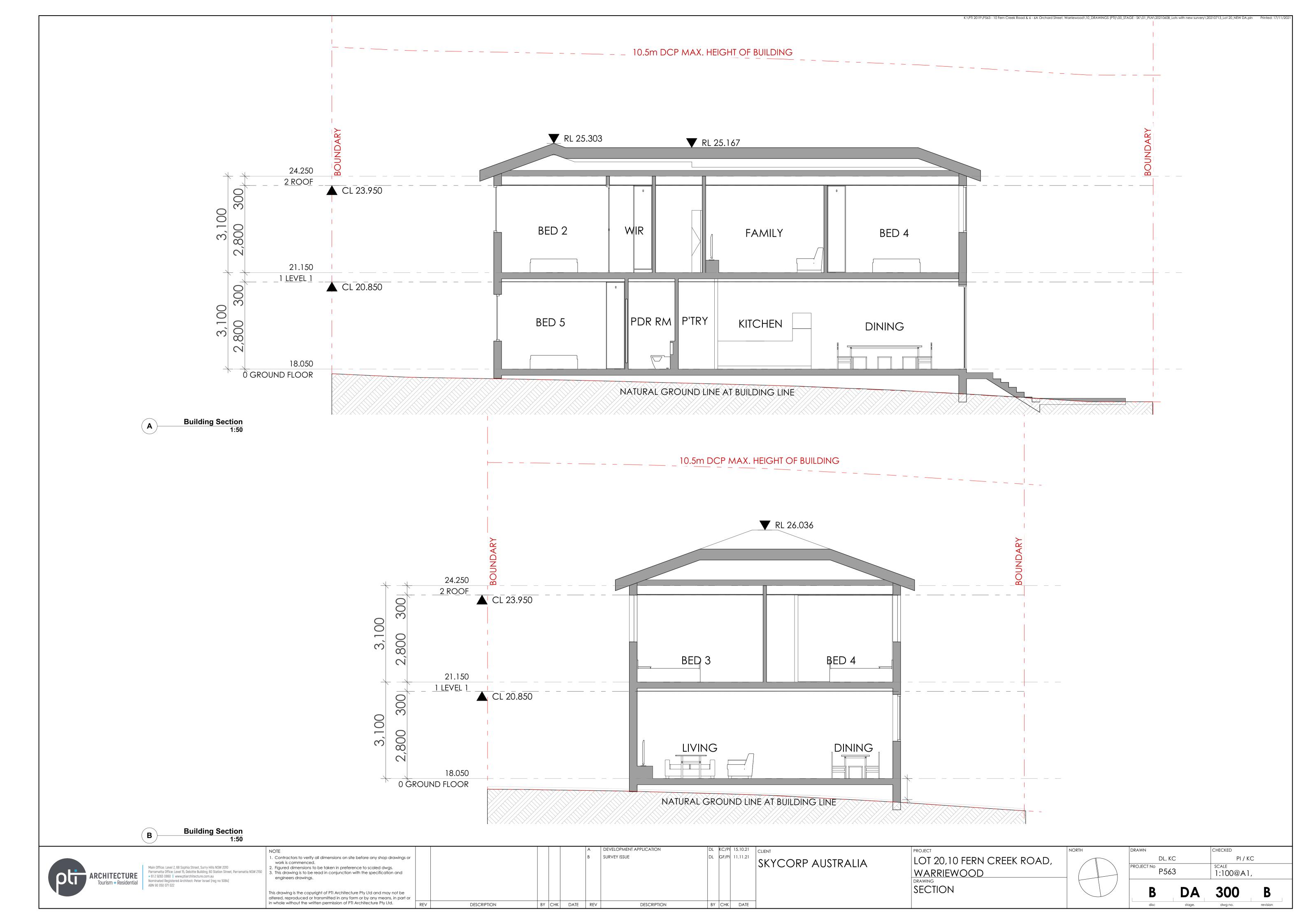
CHECKED DL, KC PI / KC 1:50@A1,

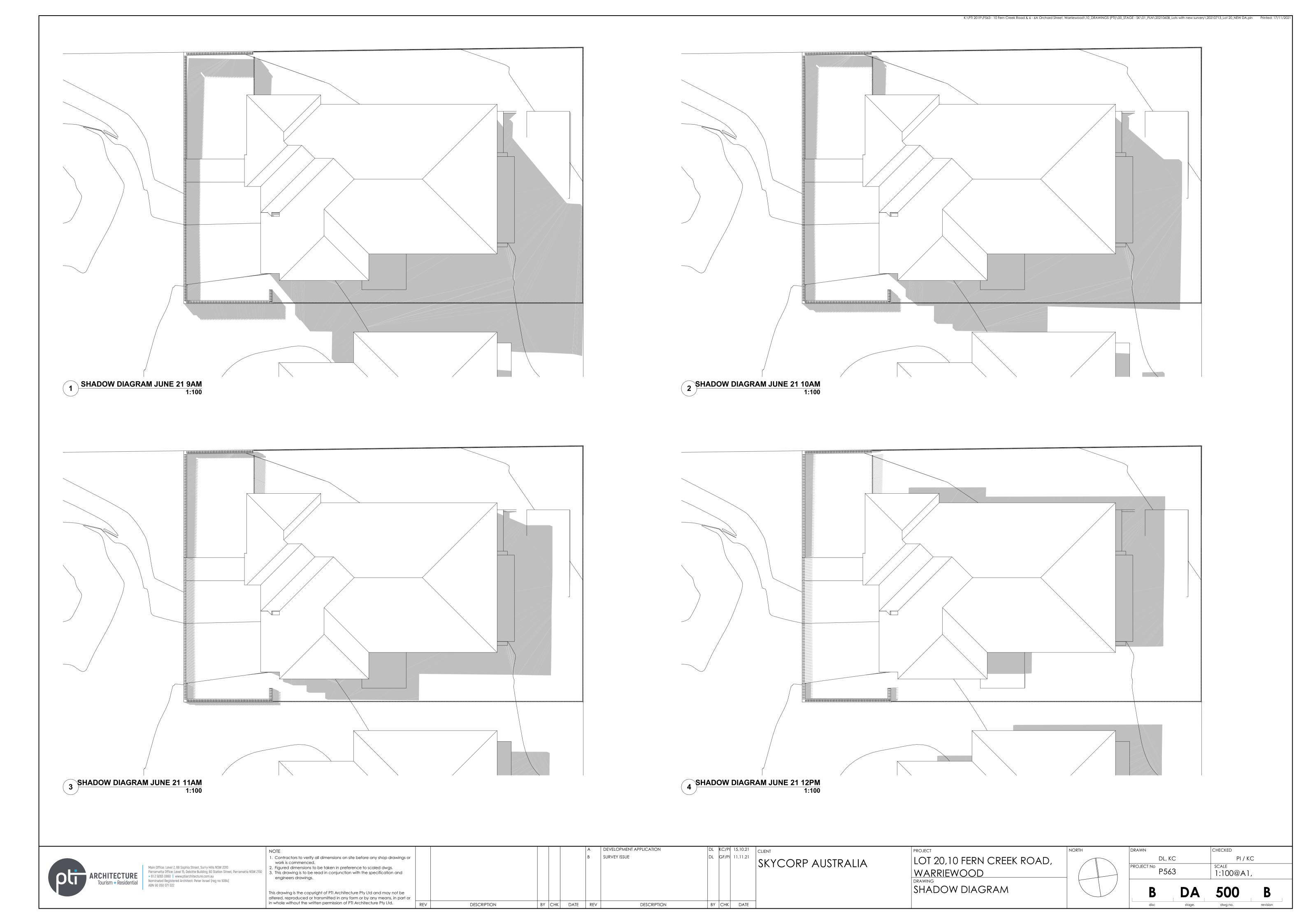


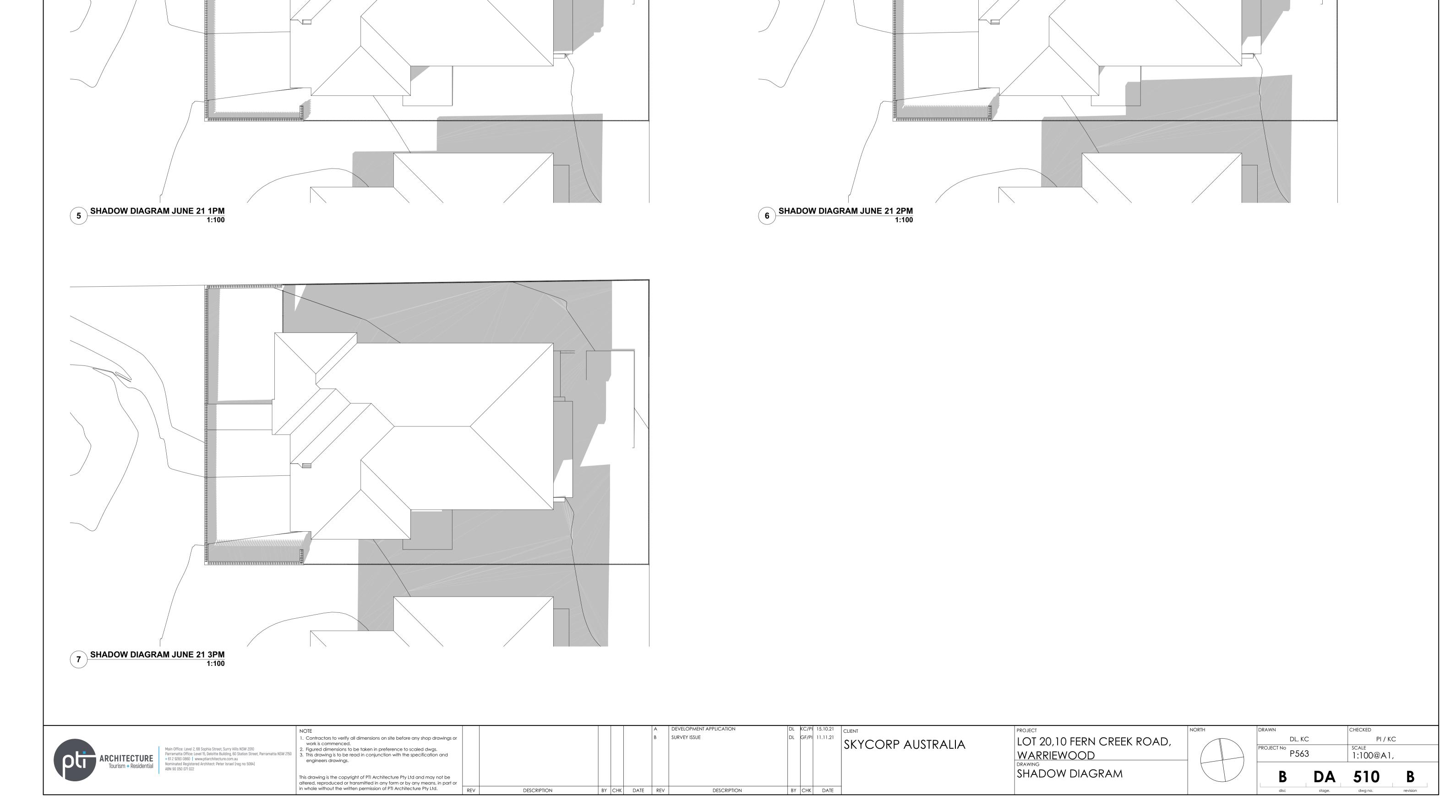


DEVELOPMENT APPLICATION DL KC/PI 15.10.21 CLIENT
DL GF/PI 11.11.21 CHECKED SURVEY ISSUE LOT 20,10 FERN CREEK ROAD, 1. Contractors to verify all dimensions on site before any shop drawings or DL, KC PI / KC SKYCORP AUSTRALIA PROJECT No P563 work is commenced. Main Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010
Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2150
+ 61 2 9283 0860 | www.ptiarchitecture.com.au
Nominated Registered Architect: Peter Israel (reg no 5064)
ABN 90 050 071 022 Figured dimensions to be taken in preference to scaled dwgs.
 This drawing is to be read in conjunction with the specification and WARRIEWOOD DRAWING 1:100@A1, ARCHITECTURE
Tourism + Residential engineers drawings. ELEVATION 200 This drawing is the copyright of PTI Architecture Pty Ltd and may not be altered, reproduced or transmitted in any form or by any means, in part or in whole without the written permission of PTI Architecture Pty Ltd. BY CHK DATE REV DESCRIPTION BY CHK DATE DESCRIPTION









SITE AREA (LOT 20) 420m ²	m/m²	COMPLIANCE
PERMISSABLE GFA	N/A	Y
PROPOSED GFA	230m ²	
LOT WIDTH AT FRONT BUILDING LINE	16.2m	Y
LANDSCAPE REQUIRED LANDSCAPING AREA (45% OF SITE AREA) PROPOSED LANDSCAPING TOTAL AREA PROPOSED COMPLIANT LANDSCAPE AREA PROPOSED NON COMPLIANT LANDSCAPE AREA	189m ² 224m ² 135m ² 89m ²	Y
PRIVATE OPEN SPACE REQUIRED PRIVATE OPEN SPACE PROPOSED PRIVATE OPEN SPACE	24m ² 24m ²	Y

PROPOSED SITE AREA

PROPOSED GROSS FLOOR AREA

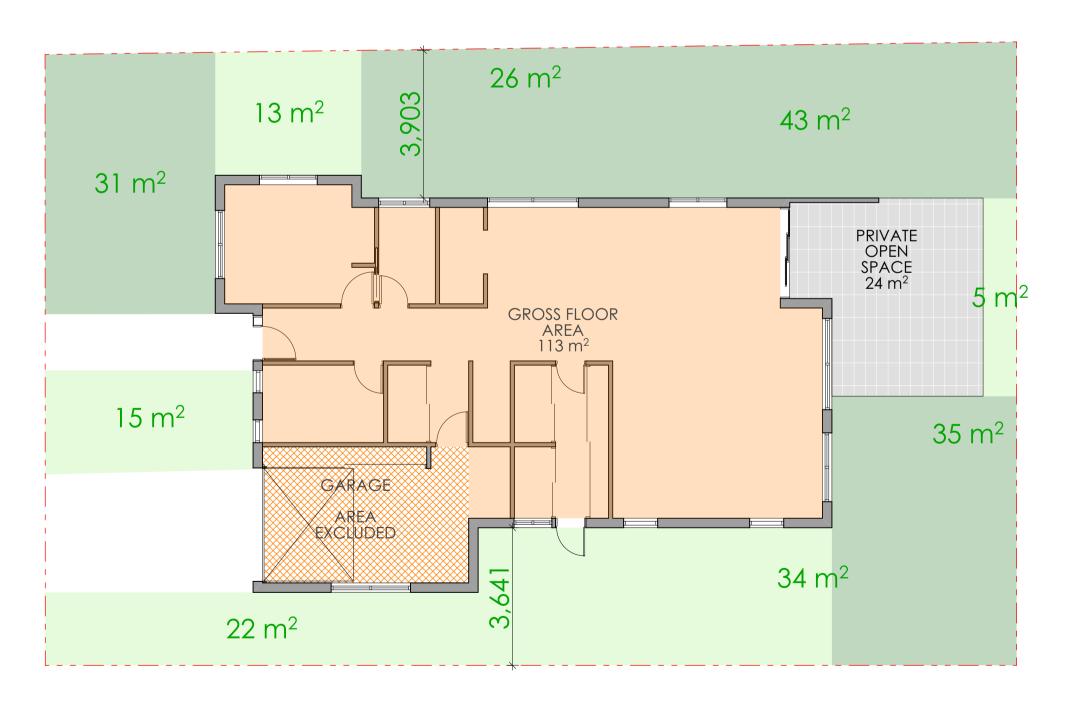
PROPOSED ARTICULATON ZONE

PROPOSED PRIVATE OPEN SPACE

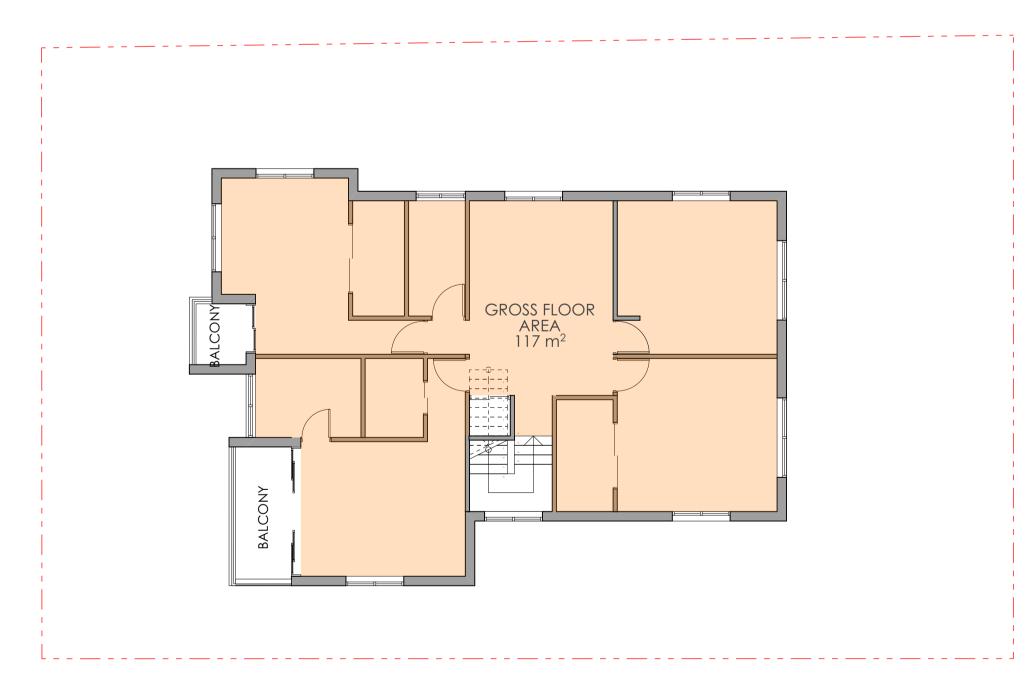
PROPOSED LANDSCAPE AREA

PROPOSED NON COMPLIANT LANDSCAPE AREA

PROPOSED AREA EXCLUDED



1 GROUND FLOOR AREA PLAN 1:100 O SITE AREA PLAN
1:100



2 LEVEL 1 AREA PLA

	NOTE		A	DEVELOPMENT APPLICATION	DL KC/PI 15.10.21	CLIENT	PROJECT	NORTH	DRAWN	CHECKED
	Contractors to verify all dimensions on site before any shop drawings or work is commenced.		В	SURVEY ISSUE	DL GF/PI 11.11.21	SKYCORP AUSTRALIA	LOT 20,10 FERN CREEK ROAD,		DL, KC	PI / KC
ARCHITECTURE Tourism + Residential Main Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2010 Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2010 Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2010 Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2010 Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: L	Figured dimensions to be taken in preference to scaled dwgs. This drawing is to be read in conjunction with the specification and engineers drawings.					SKICOKI AUSTRALIA	WARRIEWOOD		PROJECT No P563	1:100@A1,
Tourism + Residential Nominated Registered Architect: Peter Israel [reg no 5064] ABN 90 050 071 022	This drawing is the copyright of PTI Architecture Pty Ltd and may not be						AREA CALCULATION		B DA	600 B
	in whole without the written permission of PTI Architecture Pty Ltd.	DEV DESCRIPTION	DV CUV DATE DEV	DESCRIPTION	BY CHY DATE	-			disp	diverse a







3. COLORBOND MONUMENT METAL ROOF

DESCRIPTION

BY CHK DATE







6. JAMES HARDIE - STRIA 255mm

7. RENDER &PAINT - DULUX FLOODED GUM

Tourism + Residential

Main Office: Level 2, 68 Sophia Street, Surry Hills NSW 2010 Parramatta Office: Level 15, Deloitte Building, 60 Station Street, Parramatta NSW 2150 + 61 2 9283 0860 | www.ptiarchitecture.com.au Nominated Registered Architect: Peter Israel (reg no 5064)
ABN 90 050 071 022

	NOTE						Α	DEVELOPMENT APPLICATION
50	 Contractors to verify all dimensions on site before any shop drawings or work is commenced. Figured dimensions to be taken in preference to scaled dwgs. This drawing is to be read in conjunction with the specification and engineers drawings. 						В	SURVEY ISSUE
	This drawing is the copyright of PTI Architecture Pty Ltd and may not be altered, reproduced or transmitted in any form or by any means, in part or							
in whole without the written permission of PTI Architecture Pty Ltd.		REV	DESCRIPTION	BY	СНК	DATE	REV	DESCRIPT

1	15.10.21	CLIENT
P	11.11.21	
		SKYCORP AUSTRALIA

PROJECT	Ν
LOT 20,10 FERN CREEK ROAD,	
WARRIEWOOD	
DRAWING	
EXTERNAL FINISH SCHEDULE	

NORTH

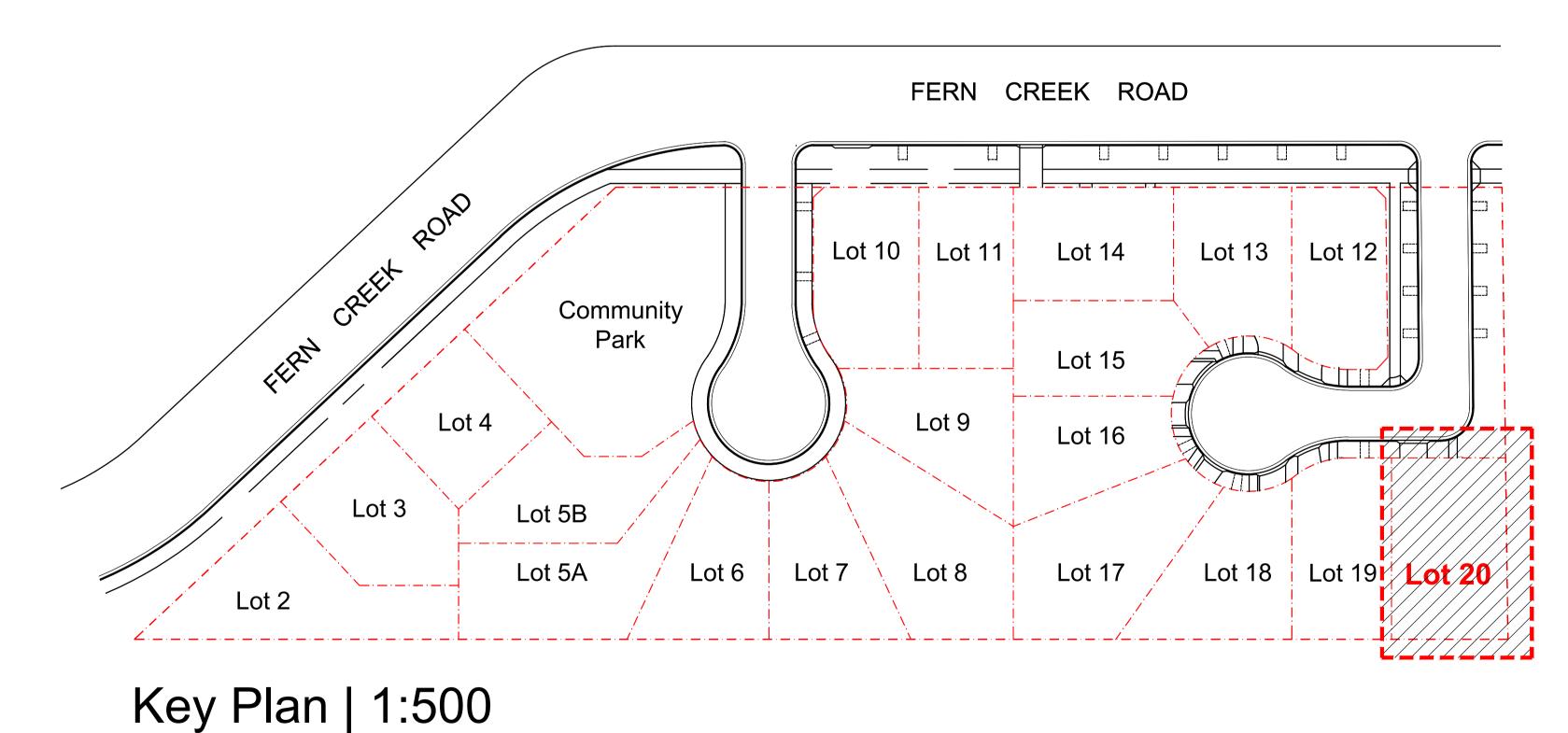
D DA	700 P
PROJECT No P563	1:100, 1:500@A1,
DL, KC	PI / KC
DRAWN	CHECKED

Proposed Dwellings Lot 20, 10 Fern Creek Road Warriewood

Landscape Development Application

DRAWINGS

DWG NO.	DRAWING TITLE	SCALE
020	COVER SHEET	N/A
120 320 420 520	LANDSCAPE PLAN - Lot 20 LANDSCAPE HARDSCAPE PLAN - Lot 20 LANDSCAPE PLANTING PLAN - Lot 20 LANDSCAPE SPECIFICATION & DETAILS - Lot 20	1:50 1:50 1:50 AS SHOWN



NOT FOR CONSTRUCTION

© 2021 Site Image (NSW) Pty Ltd $\,$ ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not

shown shall be referred to the Landscape Architect for confirmation.

Legend

Key Plan





Fax: (61 2) 9698 2877

SKYCORP AUSTRALIA

Proposed Dwellings 10 Fern Creek Road Warriewood

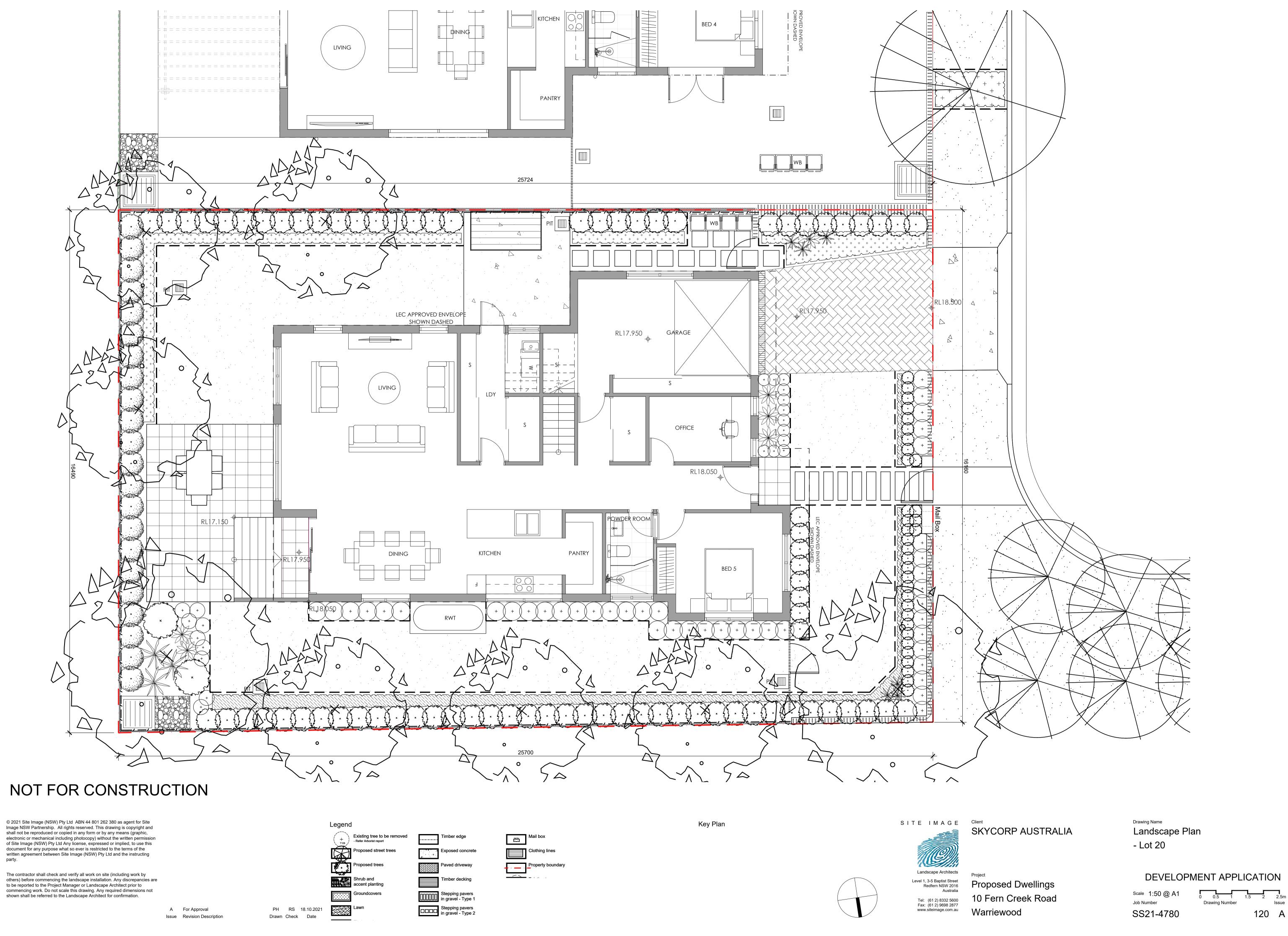
Landscape Coversheet - Lot 20

DEVELOPMENT APPLICATION

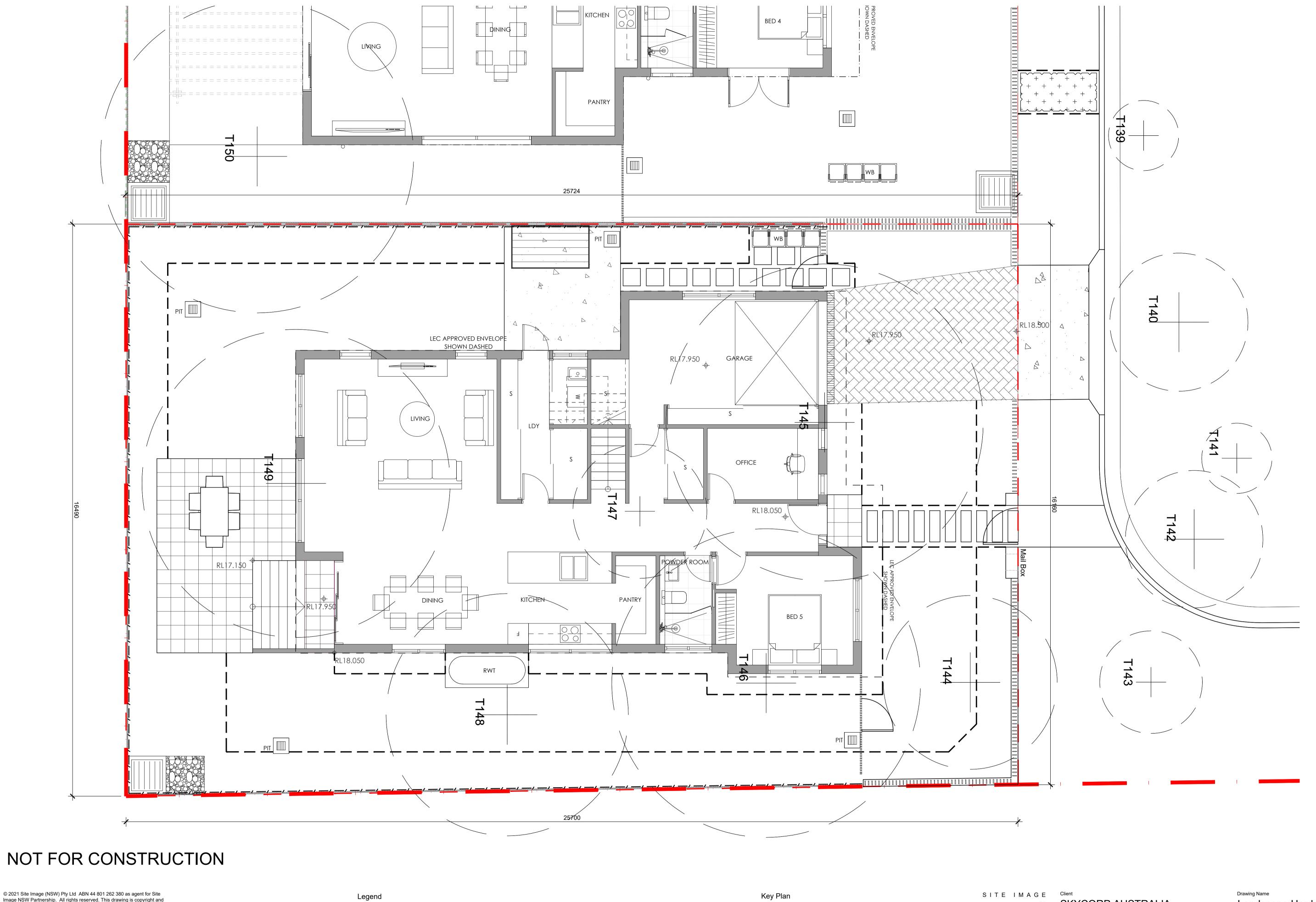
020 A

Job Number

SS21-4780



A1



© 2021 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Pty Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.

A For Approval Issue Revision Description

PH RS 18.10.2021 Drawn Check Date

Mail Box

Landscape Architects Level 1, 3-5 Baptist Street Redfern NSW 2016 Australia

Fax: (61 2) 9698 2877

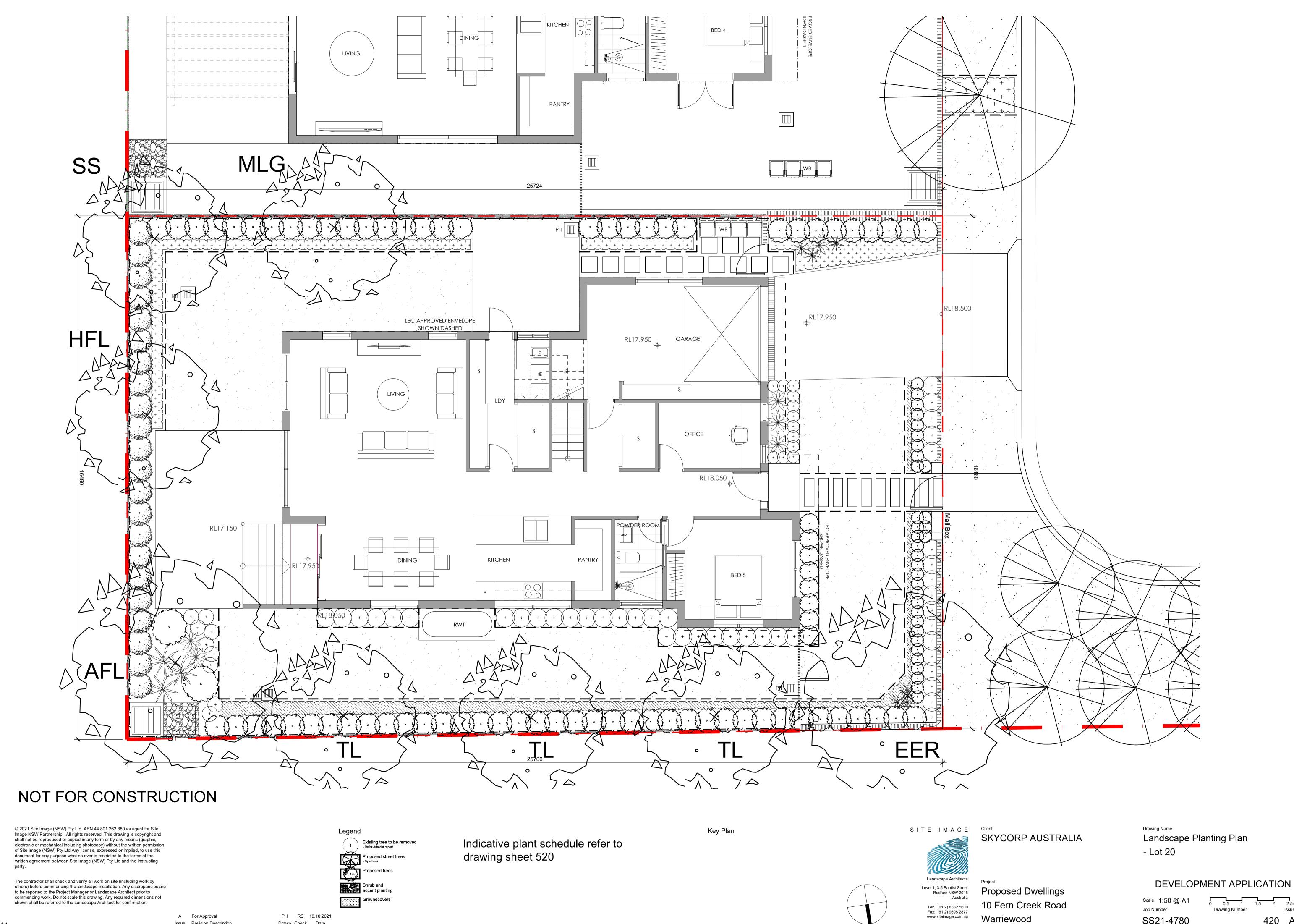
SKYCORP AUSTRALIA

Proposed Dwellings 10 Fern Creek Road Tel: (61 2) 8332 5600 Warriewood

Landscape Hardscape Plan - Lot 20

DEVELOPMENT APPLICATION

Job Number Drawing Number SS21-4780 320 A

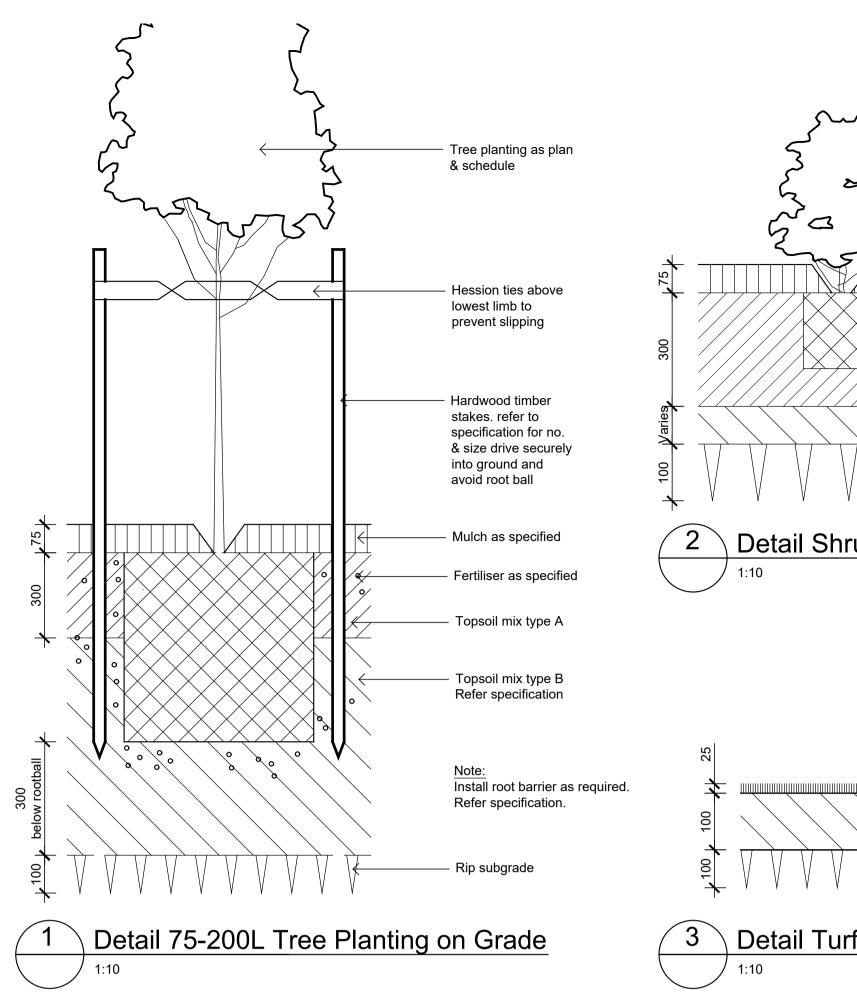


420 A

SS21-4780

Issue Revision Description

Drawn Check Date



LANDSCAPE SPECIFICATION NOTES

GENERALLY

THE CONTRACTOR SHALL PLACE ORDERS FOR THE DELIVERY OF ALL MATERIALS, SUPPLIES, ETC., IMMEDIATELY AFTER SIGNING THE CONTRACT AND ENSURE THE SUPPLIERS GUARANTEE DELIVERY AT ALL TIMES TO ACCORD WITH THE CONSTRUCTION PROGRAM.

SITE PREPARATION

ENSURE ALL PROVISIONS FOR LANDSCAPE TO BE PROVIDED BY THE BUILDER ARE COMPLETE AND ALL CONTRACTORS RUBBISH AND DEBRIS IS REMOVED;

DRAINAGE CELL AND FILTER FABRIC

FOR ON-SLAB AREAS INSTALL AN APPROVED 'DRAINAGE CELL' PRODUCT TO COMPREHENSIVELY COVER THE BOTTOM OF ALL PLANTERS.

OVER DRAINAGE CELL TO ON-SLAB AREAS, A POLYFELT GEOTEXTILE LINING (AS SUPPLIED BY 'POLYFELT TS' OR APPROVED EQUIVALENT) IS TO BE INSTALLED TO COVER THE BOTTOM OF ALL PLANTERS, TURNED UP 300MM AND TAPED TO THE PLANTER SIDES TO ENSURE SOIL MIX DOES NOT ESCAPE INTO DRAINAGE

INSTALL MIN. 50MM COARSE RIVER SAND OVER ALL GEOTEXTILE LINING PRIOR TO INSTALLATION OF SOIL MIX.

ABORIST MANAGEMENT OF TREE PROTECTION

A QUALIFIED AND APPROVED ABORIST IS TO BE CONTRACTED TO UNDERTAKE OR MANAGE THE INSTALLATION OF PROTECTIVE FENCING, AND TO UNDERTAKE SUCH MEASURES AS HE DEEMS APPROPRIATE TO PRESERVE THE SUBJECT TREES TO BE RETAINED. THE ARBORIST IS TO BE RETAINED FOR THE ENTIRE CONTRACT PERIOD TO UNDERTAKE ONGOING MANAGEMENT AND REVIEW OF THE TREES.

IMPORTED SOIL MIX

OUTLETS/HOLES.

IMPORTED LIGHTWEIGHT SOIL MIX FOR ON-SLAB AREAS AND POTS: LIGHTWEIGHT SOIL MIX SHALL BE COMPOSED OF THE FOLLOWING MATERIALS AND MIXED IN THE GIVEN PROPORTIONS TO PRODUCE A MATERIAL WITH A PH 6.0-6.5

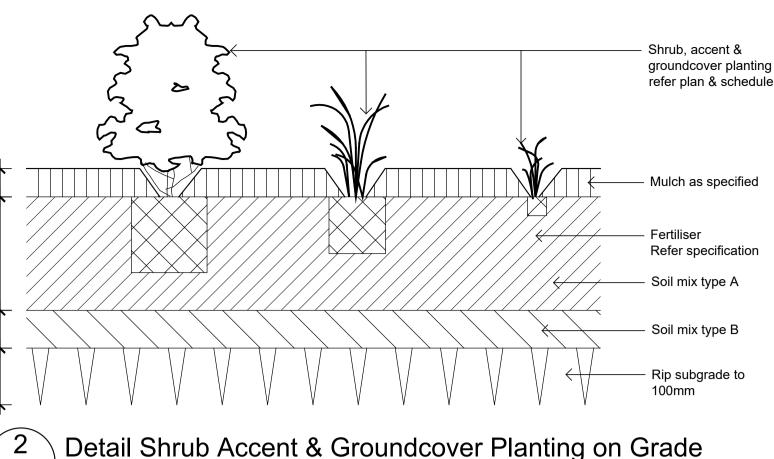
SOIL MIX PER CUBIC METRE SHALL CONSIST OF:

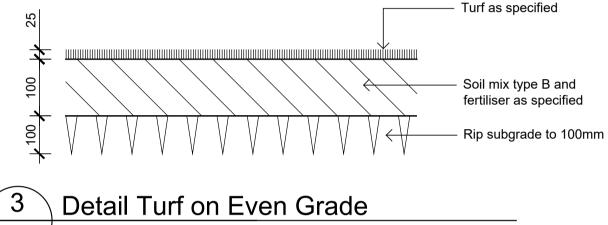
- 30% KENTHURST BLACK LOAM
- 30% DOUBLE WASHED COARSE SAND - 20% AUSTRALIAN PEAT
- 10% COMPOSTED BARK FINES
- 10% COMPOSTED HARDWOOD DUST
- FERTILISER PER CUBIC METRE SHALL CONSIST OF - 500GMS CALCIUM NITRATE
- 500GMS POTASSIUM SULPHATE - 750GMS SUPERPHOSHATE MICRO FINE
- 1 KG IBDU (NITROGEN SLOW RELEASE)
- 1 KG SLOW RELEASE NUTRICOTE

NOT FOR CONSTRUCTION

© 2021 Site Image (NSW) Pty Ltd ABN 44 801 262 380 as agent for Site Image NSW Partnership. All rights reserved. This drawing is copyright and shall not be reproduced or copied in any form or by any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image (NSW) Ptv Ltd Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image (NSW) Pty Ltd and the instructing

The contractor shall check and verify all work on site (including work by others) before commencing the landscape installation. Any discrepancies are to be reported to the Project Manager or Landscape Architect prior to commencing work. Do not scale this drawing. Any required dimensions not shown shall be referred to the Landscape Architect for confirmation.





PLANT MATERIAL

ALL PLANTS SHALL BE WELL GROWN, DISEASE FREE NURSERY STOCK, AND TRUE TO SPECIES TYPE. NO SPECIES SHALL BE SUBSTITUTED WITHOUT THE APPROVAL OF THE SUPERINTENDENT. NO VARIEGATED STRAIN SHALL BE USED UNLESS NOMINATED.

ALL PLANTS SHALL BE OF THE SIZE AND QUALITY CONSISTENT WITH THE NORMAL INDUSTRY EXPECTATION FOR THE NOMINATED CONTAINER SIZE. PLANTS NOT CONSISTENT WITH THE ABOVE MAY BE REJECTED WITH REPLACEMENT STOCK SUBJECT TO THE APPROVAL OF THE SUPERINTENDENT.

ALLOW TWO AGRIFORM SLOW RELEASE PELLETS PER 5-25 LITRE PLANT AND ONE PER 150MM PLANT. ALL FERTILISER IS TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURERS INSTRUCTIONS.

MULCH

TO MASS PLANTING AREAS AND STREET TREES INSTALL 75MM THICKNESS OF GRADED PINE BARK AS SUPPLIED BY AUSTRALIAN NATIVE LANDSCAPES P/L OR APPROVED EQUIVALENT. ALL MULCH SHALL BE FREE OF VEGETATIVE REPRODUCTIVE PARTS OF

IRRIGATION SYSTEM

SUPPLY AN AUTOMATIC WATERING SYSTEM USING 'TORO IRRIGATION SYSTEM' OR SIMILAR APPROVED, WITH MICRO-JET SPRINKLER HEADS AND LOW DENSITY, RUBBER MODIFIED POLYPROPYLENE RETICULATION, TO INCLUDE FILTERS, BENDS JUNCTIONS, ENDS AND OTHER ANCILLARY EQUIPMENT. THE LANDSCAPER SHALL NOMINATE HIS SOURCE OF SUPPLY FOR THE WATERING SYSTEM AND OBTAIN APPROVAL FROM THE SUPERINTENDENT BEFORE PLACING ORDERS FOR EQUIPMENT OR SUPPLY.

A SCHEMATIC PLAN OF THE PROPOSED IRRIGATION SYSTEM IS TO BE PREPARED BY THE CONTRACTOR, SHOWING SOLENOIDS, PIPE DIAMETERS, AND ALL NOZZLE AND TRICKLE ATTACHMENT TYPES (INCLUDING SPRAY/HEAD ANGLE), FOR REVIEW BY THE SUPERINTENDENT PRIOR TO INSTALLATION

THE CONTRACTOR IS TO LIASE WITH THE HYDRAULIC ENGINEER AND COUNCIL AS NECESSARY, TO ENSURE THE THE IRRIGATION SYSTEM CONFORMS WITH ALL THE COUNCIL AND WATER BOARD CODES AND REQUIREMENTS.

PROVIDE AN AUTOMATIC CONTROLLER THAT PROVIDES FOR TWO WEEK SCHEDULING AND HOURLY MULTI-CYCLE OPERATION. THE CONTROLLER SHALL MANUAL OVERRIDE. PROGRAMMING SHALL BE UNDERTAKEN BY THE CONTRACTOR WHO SHALL ADVISE ON THE OPERATION OF THE SYSTEM.

PROVISION OF SECURE HOUSING FOR THE AUTOMATIC IRRIGATION CONTROLLER TO BE LOCATED IN ASSOCIATION WITH THE LANDSCAPE CONTRACTOR AND LOCATION CONFIRMED BY THE SUPERINTENDENT. WIRING TO CONNECT REMOTE SOLENOID LOCATIONS IS TO BE PROVIDED. THE CONTROLLER SHALL BE LOCATED IN A DRY PLACE, PROTECTED FROM THE WEATHER, AND ALL CABLE CONNECTIONS SHALL BE MADE WITH WATERPROOF CONNECTORS.

WATER SUPPLY POINTS TO BE SUPPLIED BY BUILDER.

PH RS 18.10.2021

IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE AND GUARANTEE SATISFACTORY OPERATION OF THE IRRIGATION SYSTEM.

AFTER THE SYSTEM HAS BEEN INSTALLED TO THE SATISFACTION OF THE SUPERINTENDENT, THE INSTALLATION SHALL BE TESTED UNDER KNOWN WORKING CONDITIONS. ACCEPTANCE OF THE INSTALLED PLANT AND EQUIPMENT SHALL BE SUBJECT TO THESE BEING SATISFACTORY.

Compact soil around edge

strio following installation

Timber edge forming

Curved timber edge

SCALE 1:10

SCALE 1:10

sections to be cut to a

depth to allow for bending

curved edge to

planting bed

TIMBER EDGE - PLAN & SECTION

STEPPING PAVER IN DECOMPOSED GRANITE ON GRADE

STEPPING STONES

PRE CAST CONCRETE STEPPING STONES SHALL BE INSTALLED ON CONSOLIDATED BLUE METAL SUB-BASE.

TREATED PINE TIMBER EDGING

TIMBER EDGE: 100 X 25mm CCA TREATED RADIATA PINE

TIMBER STAKES: 50 X 50 X 500mm CCA TREATED RADIATA PINE-SHARPENED AT ONE

INSTALL IN LOCATIONS SHOWN ON THE DRAWINGS FLUSH TO FINISHED SURFACE LEVELS.

TURF ALL LANDSCAPE AREAS AS SHOWN ON THE LANDSCAPE DRAWINGS. TURF IS TO HAVE AN EVEN THICKNESS OF NOT LESS THAN 25mm. OBTAIN TURF FROM AN APPROVED GROWER. FURNISH A WARRANTY FROM THE GROWER THAT THE TURF IS FREE FROM WEEDS AND OTHER FOREIGN MATTER. DELIVER TURF TO THE SITE WITHIN 24 HOURS OF BEING CUT, AND LAY IT WITHIN 24 HOURS OF BEING DELIVERED.

TO PREPARE GRADED AREAS TO RECEIVE TURF, EXCAVATE THE AREA AND CULTIVATE SO AS TO ALLOW FOR IMPORTING OF 100mm OF TURF UNDERLAY SOIL. REMOVE ALL STONES OVER 50mm Ø AND REMOVE ALL WEEDS AND FOREIGN MATTER. SPREAD SOIL MIX A.B.S TO A DEPTH OF 100mm AND GRADE TO APPROPRIATE LEVELS TO ACHIEVE GENERAL EVEN GRADES TO DRAINAGE OUTLETS INSTALLED BY OTHERS.

LAY THE TURF ALONG THE LAND CONTOURS WITH STAGGERED, CLOSE BUTTED JOINTS, SO THAT THE FINISHED TURF SURFACE IS FLUSH WITH ADJACENT FINISHED SURFACES OF PAVING AND THE LIKE. AS SOON AS PRACTICABLE AFTER LAYING, ROLL THE TURF WITH A ROLLER WEIGHING NOT MORE THAN 90kg PER METRE OF WIDTH FOR SANDY OR LIGHT SOILS.

WATER AS NECESSARY TO KEEP THE SOIL MOIST TO A DEPTH OF 100MM. PROTECT NEWLY TURFED AREAS AGAINST TRAFFIC UNTIL GRASS IS ESTABLISHED. FERTILISE TWO WEEKS AFTER LAYING FERTILISE A.B.S

'TOP DRESS' THE TURF WHEN IT IS ESTABLISHED TO A DEPTH OF 10MM WITH COARSE WASHED RIVER SAND. RUB THE DRESSING WELL INTO THE JOINTS AND CORRECT ANY UNEVENNESS IN THE TURF SURFACES.

MAINTENANCE

THE CONTRACTOR SHALL MAINTAIN THE CONTRACT AREAS BY THE IMPLEMENTATION OF INDUSTRY ACCEPTED HORTICULTURAL PRACTICES, AS WELL AS RECTIFYING ANY DEFECTS THAT BECOME APPARENT IN THE WORKS UNDER NORMAL USE.

THE CONTRACTOR SHALL MAINTAIN THE WORKS AND MAKE GOOD ALL THE DEFECTS

LANDSCAPE MAINTENANCE SHALL INCLUDE BUT NOT BE LIMITED TO THE FOLLOWING: WATERING, ADJUSTMENT OF THE IRRIGATION SYSTEM, RUBBISH REMOVAL, REPLACING FAILED PLANTS, MAINTAINING MULCH, PRUNING, INSECT AND DISEASE CONTROL, AND CLEANING OF THE SURROUNDING AREA.

INDICATIVE PLANT SCHEDULE - Lot 20

Stepping paver as specified

Decomposed granite paving

Base course to Engineer's

Refer specification

specification.

20mm mortar bed

Compacted sub-grade to Engineer's specification

Min 7 stakes to each edge with

extras as required to form curve

and keep timber upright

All junctions of timber edges shall be fixed with 2 closely spaced stakes

Hardwood timber edge as specified

Hardwood timber stakes 50 x 50 x 400mm

@ min 1200mm centres and recessed

15mm below FSL or timber edge

Refer plans for adjacent surfaces.

25mm x 100mm in long lengths

FERN (CREEK ROAD WARRIEWOOD INDICATIVE PLANT LIST - PLANTS TO BE LABELLED FOR CC STAGE			
CODE	BOTANIC NAME	COMMON NAME	SIZE (H x W)	PROPOSE POT SIZE
Note: [Detailed planting plans to ensure the	at 30% of plants are native sp		
C = No	rthern Beaches Council recommend	led garden species / Site Spe	cific Trees	
	AND PALMS			
Ара	Acer palmatum	Japanese Maple	4 x 4	45L
Aco	Angophora costata	Smooth Barked Apple	25 x 8	75L
Afl	Angophora floribunda	Rough Barked Apple	25 x 8	75L
Bci	Backhousia Citriodora	Lemon scented Myrtle	9 x 5	45L
BeB	Banksia ericifolia 'Burgandy'	Heath Banksia	<u>5</u> m	4m
CcA	Cercis chinensis 'Avondale'	Chinese Red Bud	5 x 4	100L
Cma	Corymbia citriodora	Lemon Scented Gum	20 x 8	75L
Can	Cupaniopsis anacardioides	Tuckeroo	7 x 5	100L
Eer	Eucalyptus robusta	Swamp Mahogany	25 x 8	75L
Ери	Eucalyptus punctata	Grey Gum	15 x 8	75L
Ери	Eucalyptus tereticornis	Forest Red Gum	15 x 8	75L
Fgr	Fraxinus griffithii	Evergreen Ash	7 x 4	75L
FR	Fraxinus 'Raywood'	Claret Ash	15 x 5	75L
HtR	Hibiscus tiliaceus 'Rubra'	Cotton Tree	7 x 5	75L
Hfl	Howea forsteriana	Kentia Palm	7 x 4	75L
Hfl	Hymenosporum flavum	Native Frangipani	6 x 5	75L
Lin	Lagerstroemia indica	Crepe Myrtle	6 x 3	75L
LS	Lagerstroemia 'Sioux'	Sioux Crepe Myrtle	4 x 3	75L
ML	Magnolia grandiflora 'Little Gem'	Dwarf Magnolia	5	75L
MLG	Magnolia Little Gem	Magnolia Little Gem	5 x 3	75L
Pru	Plumeria ruba	Red Fragapani	6	75L
Pro	Plumeria obtusa	White Fragapani	6	75L
Pe	Prunus elvins	Purple Plum	3 x 3	75L
PC C=	Pyrus 'Capital'	Capital Pyrus	10 x 3	75L
Sg	Syncarpia glomulifera	Turpentine	to 50m	75L
SI Sa	Syzgium luehmannii	Small-leafed Lillypilly Brush Cherry	4-8x2-4 8x4	75L 75L
Sa Ss	Syzygium australe 'Pinnacle' Syzygium smithii		8 x 4	75L 75L
TI	Tristaniopsis laurina	Lilly Pilly Water Gum	10	75L
TL	Tristaniopsis 'Luscious'	Water Gum	9 x 7	75L
Wf	Waterhousia floribunda	Weeping Lily Pilly	15	75L
VVI	vvalerriousia nomburida	VVeeping Lily Filly	13	7 JL
SHRUE	88			
Asm	Acmena smithii 'Minor'	Lilly Pilly	3 x 2	300mm
As	Acmena smithii var. minor	Dwarf Lilly Pilly	3 x 2	300mm
Bs	Banksia spinosa	Hairpin Banksia	1.5 x 1.0	300mm
Втј	Buxus microphylla japonica	Japanese box hedge	2.5 x 2	300mm
CW	Callistemon citrinus 'White Anzac'	Lemon Scented Bottlebrush	3 x 2	300mm
Cgu	Ceratopetulum gummifera	NSW Christmas Bush	5 x 2	300mm
Cte	Choisya ternata	Mexican Orange	2 x 2	300mm
Сри	Coleonema pulchrum	Pink Diosma	1.5 x 1.5	300mm
Cre	Coprosma repens	Mirror Bush	3 x 2	300mm
Cr	Cycas revoluta	Sago Palm	1 x 2	300mm
Ga	Gardenia augusta 'Florida'	Gardenia	1 X 1	300mm
GRG	Grevillea 'Robyn Gordon'	Grevillea	2 x 1.5	300mm
La	Lavandula	Lavender	1 x 1	300mm
LC	Loropetalum 'China Pink'	China Pink	1 x 1.5	300mm
Mn	Melaleuca nesophylla	Showy Honey Myrtle	3 x 2	300mm
MT	Metrosideros 'Tahiti'	NZ Xmas Bush	1 x 1	300mm
Мр	Murraya paniculata	Orange Jessamine	3 x 2	300mm

CODE	BOTANIC NAME	COMMON NAME	MATURE SIZE (H x W) (m)	PROPOSED POT SIZE
VGS	Nandina 'Gulf Stream'	Nandina	0.7	300mm
PΧ	Philodendron 'Xanadu'	Xanadu	1 x 1	300mm
PRR	Photinia x fraseri 'Red Robin'	Photinia Red Robin	3 x 2	300mm
PGP	Pittosporum 'Green Pillar'	Green Pillar	3 x 3	300mm
PMM	Pittosporum tobira 'Miss Muffet'	Dwarf Pittosporum	1 x 1	300mm
ROP	Rhaphiolepis 'Oriental Pearl'	Oriental Pearl	1 x 1	300mm
SaS	Syzygium australe 'Select'	Lilly Pilly	3 x 2	300mm
SaTT	Syzygium australe 'Tiny Trev'	Dwarf Lilly Pilly	0.7	300mm
SC	Syzygium 'Cascade'	Weeping 'Cascade' Lilly Pill	0.7	300mm
rJ	Tibouchina 'Jules'	Glory Bush	1m	300mm
/E	Viburnum 'Emerald Lustre'	Emerald Lustre	4 x 4	300mm
WWG	Westringia 'Wynyabbie Gem'	Wynyabbie Rosemary	1	300mm
	PLANTS			
Aim	Alcantarea imperialis		1.5 x 1.5	300mm
\lc	Alpinia caerulea	Native Ginger	2	300mm
\el	Aspidistra elatior	Cast Iron Plans	1	300mm
CBS	Cordyline 'Burgundy Spire'		1 x 1	300mm
S	Cordyline stricta	Cordyline	3	300mm
р	Crinum pendunculatum	Swamp Lily	600mm	300mm
)e	Doryanthes excelsa	Gymea Lily	3	300mm
X	Philodendron 'Xanadu'		1 x 0.8	300mm
PBB	Phormium 'Bronze Baby'	Bronze NZ Flax	0.7	300mm
PYW	Phormium 'Yellow Wave'	Yellow Wave NZ Flax	1	300mm
Rhu	Raphis humilis			300mm
Re	Rhapis excelsa		1.5 x 1	300mm
Sre	Strelitzia reginae	Bird Of Paradise	1.2	300mm
Sju	Strelitzia juncea	Narrow Leaved Bird Of Para	1.2	300mm
CDACC	ES / GROUNDCOVERS / CLIMBERS			
	Agapanthus orientalis	Agananthus		140mm
10	Asplenium australasicum	Agapanthus Bird's Nest Fern	1	140mm
lau Ca	<u> </u>		0.2	
g m	Carpobrotus glaucascens Clivea miniata	Pig Face	0.2	140mm
Cm DR	Dianella 'Breeze'	Kaffir Lily	0.45	140mm
)B	Dietes grandiflora	Breeze Flax Lily Wild Iris	0.7	140mm 140mm
	TO DESCRIPTION OF THE PROPERTY	VVIIU II IS		
		Cazania	0.0	110mm
S	Gazania sp.	Gazania	0.2	140mm
es eh	Gazania sp. Gazania x hybrida	Gazania	0.2	140mm
Ss Sh SpRM	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle'	Gazania Prostrate Grevillea	0.2 200mm	140mm 140mm
es eh epRM es	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema'	Gazania Prostrate Grevillea Golden Guinea Vine	0.2 200mm 0.3 x 2.5	140mm 140mm 140mm
es eh epRM els elsc	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush	0.2 200mm 0.3 x 2.5 1 x 1.5	140mm 140mm 140mm 140mm
Gs Gh GpRM Hs Hsc Ipo	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m	140mm 140mm 140mm 140mm 140mm
Gs Gh GpRM Hs Hsc Ipo JR	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right'	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5	140mm 140mm 140mm 140mm 140mm 140mm
Gs Gh GpRM Hsc Hsc JPO JR	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5	140mm 140mm 140mm 140mm 140mm 140mm 140mm
Gs Gh GpRM Hs Hsc Ipo JR I	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia Lomandra longifolia 'Tanika'	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm
GS Gh GPRM HS HSC IPO JR J J T	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia Lomandra longifolia 'Tanika' Myoporum 'Yareena'	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush Native Violet	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65 0.15 x 1	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm
GS Gh GpRM ds dsc po JR JR I T T	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia Lomandra longifolia 'Tanika' Myoporum 'Yareena' Pandorea pandorana	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush Native Violet Wonga Wonga Vine	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65 0.15 x 1 to 6m	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm
Gs Gh GpRM Hs Hsc Ipo JR I I T T MY	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia 'Tanika' Myoporum 'Yareena' Pandorea pandorana Pennisetum alpecuroides 'Purple Lea'	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush Native Violet Wonga Wonga Vine Purple Lea Swamp Foxtail	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65 0.15 x 1 to 6m 0.9 x 0.9	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm
GS Gh GpRM Hs Hsc Ipo JR J J J T T MY Ppa PaPL	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia Lomandra longifolia 'Tanika' Myoporum 'Yareena' Pandorea pandorana Pennisetum alpecuroides 'Purple Lea' Poa labillardieri	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush Native Violet Wonga Wonga Vine Purple Lea Swamp Foxtail Tussock Grass	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65 0.15 x 1 to 6m 0.9 x 0.9 0.8 x 0.5m	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm
GS Gh GpRM Hs Hsc Ipo JR J J T MY Ppa PaPL Pl GaM	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia Lomandra longifolia 'Tanika' Myoporum 'Yareena' Pandorea pandorana Pennisetum alpecuroides 'Purple Lea' Poa labillardieri Scaevola aemula 'Mauve Clusters'	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush Native Violet Wonga Wonga Vine Purple Lea Swamp Foxtail Tussock Grass Purple Fan Flower	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65 0.15 x 1 to 6m 0.9 x 0.9 0.8 x 0.5m 0.3	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm
GS Gh GpRM Hs Hsc Ipo JR J J T MY Ppa PaPL Pl GaM Fau	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia Lomandra longifolia 'Tanika' Myoporum 'Yareena' Pandorea pandorana Pennisetum alpecuroides 'Purple Lea' Poa labillardieri Scaevola aemula 'Mauve Clusters' Themeda australis	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush Native Violet Wonga Wonga Vine Purple Lea Swamp Foxtail Tussock Grass Purple Fan Flower Kangaroo Grass	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65 0.15 x 1 to 6m 0.9 x 0.9 0.8 x 0.5m 0.3 500mm	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm
Og Gs Gh GpRM Hsc Hsc Jpo JR J J T MY Ppa PaPL Pl SaM Tau	Gazania sp. Gazania x hybrida Grevillea poorinda 'Royal Mantle' Hardenbergia 'Meema' Hibbertia scandens Jasminum polyanthum Liriope muscari 'Just Right' Lomandra longifolia Lomandra longifolia 'Tanika' Myoporum 'Yareena' Pandorea pandorana Pennisetum alpecuroides 'Purple Lea' Poa labillardieri Scaevola aemula 'Mauve Clusters'	Gazania Prostrate Grevillea Golden Guinea Vine Knobby Club Rush Pink Jasmine Turf Lily Mat Rush Tanika Mat Rush Native Violet Wonga Wonga Vine Purple Lea Swamp Foxtail Tussock Grass Purple Fan Flower	0.2 200mm 0.3 x 2.5 1 x 1.5 to 3m 0.5 1.5 0.6 x 0.65 0.15 x 1 to 6m 0.9 x 0.9 0.8 x 0.5m 0.3	140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm 140mm

Legend Key Plan

SITE IMAGE Client

Landscape Architects Level 1, 3-5 Baptist Street Redfern NSW 2016

www.siteimage.com.au

SKYCORP AUSTRALIA

Landscape Specification / Details

Tel: (61 2) 8332 5600 Fax: (61 2) 9698 2877

Proposed Dwellings 10 Fern Creek Road Warriewood

- Lot 20

DEVELOPMENT APPLICATION Scale As Shown

Job Number

Drawing Number SS21-4780

Issue Revision Description Drawn Check Date

A For Approval

520 A