# LANDSCAPE DESIGN PACKAGE

**Proposed Apartment Development** 118-124 Benelong Rd & 72 Gerard St Cremorne NSW 2090

### INTRODUCTION

The Landscape Plans have been provided to support the Development Application for the proposed residential flat building.

### APPROACH

The key driver of the landscape proposal is ensuring the character of the area is protected while integrating the site into the local residential and mixed use context.

**GUIDING DESIGN PRINCIPLES** 

- Ensuring the proposed landscaping contributes to the character of the area
- Providing high quality open spaces that are functional and responsive to the local environment
- Providing planting and open space that is appropriate to the scale and context of the development
- Select new planting that minimises the development's likely water consumption
- Retain significant trees where possible

Plant species selection has been carefully considered and based on environmental and design criteria. The planting has been selected on the basis of biodiversity being a mix of native and few hardy exotic plants that require minimal water as well as good aesthetic appearance. The selection adheres to the principle of minimising water by the use of low-water plant species. The plant selection is low maintenance requiring little pruning or fertiliser. The plants selected have been proven over time to handle tough conditions and are drought tolerant species that do not have thorns or prickly foliage, produce large fruit or cones. Species such as callistemon were chosen to provide a flowering small shrub that maintains its form and tolerates extended dry periods and medium to heavy frosts. The westringia species have been selected for their extended flowering and grey foliage which provides colour contract. They are proven to be drought and frost tolerant and work well in both sandy and heavy clay soils.

The planting of new trees will replenishing the tree cover. The new trees will improve the micro-climate by providing shading and wind breaks throughout the site. The selection of native trees and understorey planting will encourage new wildlife corridors between adjacent properties and the site.

Surface finishes will be hard-wearing and durable and suitable for purpose. Variations in finishes will define spaces for particular uses as well as announce arrival and transition zones.

The principles of safe design were key considerations within the design. Trees with low ground covers and grasses were used to maintain sight lines upon entry to the site

The proposed landscape contributes to the high quality development. It will improve the site by providing a range of amenities and adding biodiversity with additional canopy trees and thus achieving council's desired future character of Cremorne.



	DRAWING	J LIST
	L-00	COVER
	L-01	MASTE
	L-02	PLANT
	L-03	PLANT
scape Designs Pty Ltd	L-04	LANDS
674 ACN 139 316 251 igns.com.au	L-05	LANDS
com.au 0 <b>F</b> 02 9905 7657	L-06	LANDS
Old Pittwater Rd,	L-07	IMAGE
/ 2100	L-08	DETAIL

SPACE

LANDSCAPE DESIGNS

Space Landsc ABN 60 799 663 6 nfo@spacedesig P 02 9905 7870 Suite 138, 117 Old Brookvale NSW 2

ER PAGE TER LANDSCAPE PLAN ITING PLAN - LOWER GROUND NTING PLAN - GROUND LEVEL DSCAPE PLAN LEVEL 1 DSCAPE PLAN LEVEL 2 DSCAPE PLAN LEVEL 3 **GE BOARD** AILS AND SPECIFICATIONS



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All work to comply with B.C.A. Statutory Authorities and relevant Australian Standards.
Dimensions recognised over scaling. All measurements are in millimetres. Document Set ID: 10319223 Version: 2, Version Date: 07/03/2025

NOTES

Rev.DateIssueA18/12/24Preliminary IssueB15/01/25Preliminary IssueC06/02/25DA Issue

Checked CW CW CW





PROJECT: Proposed Apartment Development	CLIENT: Kit Cunningham-Reid	*	DRAWING TITLE:	SCAPE PLAN
SITE ADDRESS: 118-124 Benelong Rd & 72 Gerard St Cremorne NSW 2090	SCALE: 1:100@A1 PROJECT NO: 242228		DRAWING No:	Rev: C

85.50
RL+80.250
AE AE AE AE AE

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BOUNDARY

LEGEND

EXISTING LEVEL

PROPOSED LEVEL

ALUMINIUM EDGE

CONCRETE

PAVING

SELECTED PEBBLES

EXISTING TURF

PROPOSED TURF

TREE TO BE RETAINED

## TREE TO BE REMOVED REFER TO ARBORIST REPORT

	PROPOSED PLANT SCHEDULE							
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE			
	STREET TREES							
TR	TRISTANIOPSIS LAURINA	WATER GUM	1	10m	75Ltr			
	TREES							
BS	BANKSIA SERRATA	OLD MAN BANKSIA	2	8m	45Ltr			
CG	CERATOPETALUM GUMMIFERUM	NSW XMAS BUSH	5	5m	45Ltr			
CY	CYATHEA AUSTRALIS	ROUGH TREE FERN	5	4m	250mr			
LA	LIVISTONA AUSTRALIS	CABBAGE TREE PALM	2	10m	100Ltr			
MT	MAGNOLIA GRANDIFLORA 'TEDDY BEAR'	TEDDY BEAR MAGNOLIA	2	3.5m	45Ltr			
TL	TRISTANIOPSIS LAURINA	WATER GUM	3	10m	45Ltr			
	SHRUBS							
AS	ACMENA SMITHII 'SUBLIME'	SUBLIME	9	5m	250mi			
ΒY	BESCHORNERIA YUCCOIDES	MEXICAN LILY	7	1m	200mi			
CA	CAMELLIA SASANQUA 'SLIMLINE AVALANCHE'	AVALANCHE CAMELLIA	12	2.5m	250m			
CO	CRASSULA OVATA 'UNDULATA'	CRASSULA	12	0.5m	200m			
CR	CORREA REFLEXA	NATIVE FUCHSIA	11	1m	200m			
CS	CALLISTEMON VIMINALIS 'SCARLET FLAME'	SACRLET FLAME BOTTLEBRUSH	7	1.8m	200m			
CV	CALLISTEMON VIMINALIS 'BETTER JOHN'	BETTER JOHN BOTTLEBRUSH	18	0.8m	200m			
GL	GREVILLEA LINEARIFOLIA	WHITE SPIDER FLOWER	4	1.5m	200m			
LR	LIGULARIA RENIFORMIS	TRACTOR SEAT	13	0.7m	250m			
LS	LOMATIA SILAIFOLIA	PARSLEY BUSH	2	1.2m	200m			
RH	RHAPHIOLEPIS INDICA 'COSMIC WHITE'	COSMIC WHITE	12	1.5m	250m			
RI	RHAPHIOLEPIS INDICA 'SNOW MAIDEN'	SNOW MAIDEN	37	0.7m	250m			
WF	WESTRINGIA FRUTICOSA BLUE GEM	BLUE GEM WESTRINGIA	25	1.5m	250m			
WG	WESTRINGIA FRUTICOSA 'GREY BOX'	GREY BOX WESTRINGIA	3	0.4m	200m			
	GRASSES / GROUND COVERS							
AB	ANIGOZANTHOS 'BUSH DIAMOND'	KANGAROO PAW	11	0.6m	140m			
AM	ARTHROPODIUM CIRRATUM 'MATAPOURI BAY'	RENGA RENGA LILY	35	0.9m	200m			
BM	BRACHYSCOME MULTIFIDA 'WHITE'	WHITE CUT-LEAF DAISY	29	0.2m	140m			
BN	BLECHNUM NUDUM	FISHBONE WATER-FERN	12	1m	200m			
CP	CRINUM PEDUNCULATUM	RIVER LILY	4	1.5m	200m			
DC	DIANELLA CAERULEA 'LITTLE JESS'	LITTLE JESS	24	0.4m	200m			
DR	DICHONDRA REPENS	KIDNEY WEED	16	0.1m	140m			
LC	LOMANDRA CONFERTIFOLIA 'LIME TUFF'	LIME TUFF	35	0.5m	140m			
LM	LIRIOPE MUSCARI 'JUST RIGHT'	JUST RIGHT	19	0.5m	140m			
MP	MYOPORUM PARVIFOLIUM 'YAREENA'	YAREENA	18	0.1m	200m			
VH	VIOLA HEDERACEA	NATIVE VIOLET	23	0.1m	140m			



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NOTES

osed ment Development	CLIENT: Kit Cunningham-Reid DRN: A.Elboz AILA RLA NO:22214	$\rightarrow$		
ong Rd & 72 Gerard St W 2090	SCALE: 1:100@A1 PROJECT NO: 242228	$\mathbb{O}$	LOWER GROUND LEVEL	Rev: C

		LEGEND									
		BOUNDARY									
	85.50	EXISTING LE	EVEL								BALC FL 70.88 *TERRACE FL 70.91 (PAVING)
	RL+80.250	PROPOSED	LEVEL					61.93		×,98 ()	( FL 70.91 (PAVING) BELSE
AE -	AE AE AE	ALUMINIUM	EDGE								الم
⊲ .	а а	CONCRETE								68	Feature stone wall
		PAVING						68			6m SETBACK
		SELECTED F	PEBBLES				/				
		EXISTING TU	JRF								
· · · · · · · · · · · · · · · · · · ·	+ + + + + + + + + + + + + +	PROPOSED	TURF					Or Contraction of the second s	% %		Semi solid balustrade
	$\bigcirc$	TREE TO BE	RETAINED					(	0.00 0.00	X 80 4	Fixed batten privacy screen
		TREE TO BE REFER TO A	E REMOVED ARBORIST REPORT				×oo	\$ \$	X of	68.11×1	
									000 000	8 	
											SgiBil solid balustrade
											Balcony
											LG02 Crart yard below
								60.	0 00 00 00 00 00 00		
							Co.co.×				Fixed batte <u>n</u> privacy screen
							6.				
		PROPOSE	D PLANT SCHEDULE							S.	₩
KEY	BOTANICAL NAME		COMMON NAME	QTY	MATURE HGT	POT SIZE			$\langle$	T	
TR	STREET TREES TRISTANIOPSIS LAURINA		WATER GUM	1	10m	75Ltr					T-S2D0.1H6
CY ER LA LI MT	TREES CYATHEA AUSTRALIS ELAEOCARPUS RETICULAT LIVISTONA AUSTRALIS LAGERSTROEMIA INDICA 'E MAGNOLIA GRANDIFLORA '	ILOXI' TEDDY BEAR'	ROUGH TREE FERN BLUEBERRY ASH CABBAGE TREE PALM PINK CREPE MYRTLE TEDDY BEAR MAGNOLIA	3 2 3 1 4	4m 8m 10m 7m 3.5m	250mm 45Ltr 100Ltr 75Ltr 45Ltr					Semi solid balustrade
AS BU	TRISTANIOPSIS LAURINA 'L SHRUBS ACMENA SMITHII 'SUBLIME' BUXUS MICROPHYLLA 'MIC		LUSCIOUS WATER GUM SUBLIME KOREAN BOX	1 3 8	8m 5m 0.6m	75Ltr 250mm 200mm	_	je j	208	8.10 <sup>7</sup>	
BY CA CR	BESCHORNERIA YUCCOIDE CAMELLIA SASANQUA 'SLIN CORREA REFLEXA	ES //LINE AVALANCHE'	MEXICAN LILY AVALANCHE CAMELLIA NATIVE FUCHSIA	1 13 24	1m 2.5m 1m	200mm 250mm 200mm		S.	0,2		C T-S3D0.4H5 813.91 50 50 50 50 50 50 50 50 50 50 50 50 50
CS CV GL HM	CALLISTEMON VIMINALIS 'S CALLISTEMON VIMINALIS 'E GREVILLEA LINEARIFOLIA HYDRANGEA MACROPHYLI	BETTER JOHN'	SACRLET FLAME BOTTLEBRUSH BETTER JOHN BOTTLEBRUSH WHITE SPIDER FLOWER HYDRANGEA	9 2 8 7	1.5m 0.8m 1.5m 1.5m	200mm 200mm 200mm 200mm	.9. <sup>25*</sup>	N,		33-534	Zm-SETBACK
LR LS RH RI WF	LIGULARIA RENIFORMIS LOMATIA SILAIFOLIA RHAPHIOLEPIS INDICA 'CO RHAPHIOLEPIS INDICA 'SNO	SMIC WHITE' DW MAIDEN'	TRACTOR SEAT PARSLEY BUSH COSMIC WHITE SNOW MAIDEN	39 3 27 8 17	0.7m 1.2m 1.5m 0.7m	250mm 200mm 250mm 250mm 200mm	0'		00/1		3 T-S2D0.2H5
WF WG	WESTRINGIA FRUTICOSA E WESTRINGIA FRUTICOSA 'C GRASSES / GROUND C	GREY BOX'	BLUE GEM WESTRINGIA GREY BOX WESTRINGIA	17	1.5m 0.4m	200mm 200mm		1	8.		LG01 Cour

	TREES				
CY	CYATHEA AUSTRALIS	ROUGH TREE FERN	3	4m	250mm
ER	ELAEOCARPUS RETICULATUS	BLUEBERRY ASH	2	8m	45Ltr
LA	LIVISTONA AUSTRALIS	CABBAGE TREE PALM	3	10m	100Ltr
LI	LAGERSTROEMIA INDICA 'BILOXI'	PINK CREPE MYRTLE	1	7m	75Ltr
MT	MAGNOLIA GRANDIFLORA 'TEDDY BEAR'	TEDDY BEAR MAGNOLIA	4	3.5m	45Ltr
TL	TRISTANIOPSIS LAURINA 'LUSCIOUS'	LUSCIOUS WATER GUM	1	8m	75Ltr
	SHRUBS				
AS	ACMENA SMITHII 'SUBLIME'	SUBLIME	3	5m	250mm
BU	BUXUS MICROPHYLLA 'MICROPHYLLA'	KOREAN BOX	8	0.6m	200mm
BY	BESCHORNERIA YUCCOIDES	MEXICAN LILY	1	1m	200mm
CA	CAMELLIA SASANQUA 'SLIMLINE AVALANCHE'	AVALANCHE CAMELLIA	13	2.5m	250mm
CR	CORREA REFLEXA	NATIVE FUCHSIA	24	1m	200mm
CS	CALLISTEMON VIMINALIS 'SCARLET FLAME'	SACRLET FLAME BOTTLEBRUSH	9	1.5m	200mm
CV	CALLISTEMON VIMINALIS 'BETTER JOHN'	BETTER JOHN BOTTLEBRUSH	2	0.8m	200mm
GL	GREVILLEA LINEARIFOLIA	WHITE SPIDER FLOWER	8	1.5m	200mm
HM	HYDRANGEA MACROPHYLLA 'BLUSHING BRIDE'	HYDRANGEA	7	1.5m	200mm
LR	LIGULARIA RENIFORMIS	TRACTOR SEAT	39	0.7m	250mm
LS	LOMATIA SILAIFOLIA	PARSLEY BUSH	3	1.2m	200mm
RH	RHAPHIOLEPIS INDICA 'COSMIC WHITE'	COSMIC WHITE	27	1.5m	250mm
RI	RHAPHIOLEPIS INDICA 'SNOW MAIDEN'	SNOW MAIDEN	8	0.7m	250mm
WF	WESTRINGIA FRUTICOSA BLUE GEM	BLUE GEM WESTRINGIA	17	1.5m	200mm
WG	WESTRINGIA FRUTICOSA 'GREY BOX'	GREY BOX WESTRINGIA	12	0.4m	200mm
	GRASSES / GROUND COVERS				
AB	ANIGOZANTHOS 'BUSH DIAMOND'	KANGAROO PAW	8	0.6m	200mm
AM	ARTHROPODIUM CIRRATUM 'MATAPOURI BAY'	RENGA RENGA LILY	35	0.9m	200mm
BM	BRACHYSCOME MULTIFIDA 'WHITE'	WHITE CUT-LEAF DAISY	9	0.2m	140mm
BN	BLECHNUM NUDUM	FISHBONE WATER-FERN	8	1m	200mm
CC	CASUARINA GLAUCA 'COUSIN IT'	COUSIN IT	6	0.5m	200mm
CP	CRINUM PEDUNCULATUM	RIVER LILY	13	1.5m	200mm
DC	DIANELLA CAERULEA 'LITTLE JESS'	LITTLE JESS	22	0.4m	140mm
DR	DICHONDRA REPENS	KIDNEY WEED	18	0.1m	140mm
LM	LIRIOPE MUSCARI 'JUST RIGHT'	JUST RIGHT	40	0.5m	140mm
LC	LOMANDRA CONFERTIFOLIA 'LIME TUFF'	LIME TUFF	28	0.5m	140mm
MP	MYOPORUM PARVIFOLIUM 'YAREENA'	YAREENA	3	0.1m	200mm
VH	VIOLA HEDERACEA	NATIVE VIOLET	42	0.1m	140mm

Rev. Date Issue 16/12/24 Preliminary Issue 15/01/25 Preliminary Issue 06/02/25 DA Issue Any discrepancies should be immediately referred to Space Landscape Designs.
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NOTES:

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line of existing driveway

T-S3D0.3H6



	Kit Cunningham-Reid	$\frown$	PLANTIN
oment	DRN: A.EIboz AILA RLA No:22214	$\geq$	
	SCALE: 1:100@A1		GROUND
rard St	PROJECT NO: 242228		1-03

## LEGEND

BOUNDARY

- \_\_\_ \_\_\_ -\_\_ -\_\_ -**EXISTING LEVEL** PROPOSED LEVEL RL+80.250 AE — AE — AE — AE — AE — ALUMINIUM EDGE

CONCRETE

PAVING

SELECTED PEBBLES

Ш AN GERARD

	PROPOSED	PLANT SCHEDULE			
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE
	PLANTER				
CU RI	SHRUBS / SUCCULENTS CRASSULA UNDULATIFOLIA 'MAX COOK' RHAPHIOLEPIS INDICA 'SNOW MAIDEN'	CRASSULA MAX COOK SNOW MAIDEN	5 8	0.8m 0.7m	200mm 200mm
DR RO	GRASSES / GROUND COVERS DICHONDRA REPENS 'EMERALD FALLS' ROSMARINUS OFFICINALIS 'HUNTINGTON CARPET'	EMERALD FALLS DICHONDRA PROSTRATE ROSEMARY	10 7	0.1m 1m	140mm 140mm

# PLANTING PALETTE







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NOTES

Rev.DateIssueA16/12/24Preliminary IssueB15/01/25Preliminary IssueC06/02/25DA Issue

Checked CW CW CW

BENELONG ROAD





PROJECT: Proposed Apartment Development DRN: A.Elboz AILA RLA NO:22214 ITE ADDRESS: 118-124 Benelong Rd & 72 Gerard St Cremorne NSW 2090

CLIENT: Kit Cunningham-Reid SCALE: 1:100@A1 PROJECT NO: 242228



DRAWING TITLE: LANDSCAPE PLAN - LEVEL 1 DRAWING No Rev: CL-04

# LEGEND

BOUNDARY

RL+80.250 AE \_\_\_\_\_ AE \_\_\_\_\_ AE \_\_\_\_\_ AE \_\_\_\_\_ AE \_\_\_\_\_

EXISTING LEVEL

PROPOSED LEVEL

ALUMINIUM EDGE

CONCRETE

PAVING

SELECTED PEBBLES

ANE GERARD

(+	 	7.3m SETBACK	9.75m SETBACK
6m SETBACK	 		
9m SETBACK			
			balcor
9m SETB <u>ACK</u>	 		
7m SETBACK	 		Non <sup>-</sup>
	 	7.3m SETBACK	9.67m SETBACK

	PROPOSED PLANT SCHEDULE							
KEY	BOTANICAL NAME	COMMON NAME	QTY	MATURE HGT	POT SIZE			
	PLANTER							
cv	SHRUBS CALLISTEMON VIMINALIS 'BETTER JOHN'	BETTER JOHN BOTTLEBRUSH	13	0.8m	200mm			
MP	GRASSES / GROUND COVERS MYOPORUM PARVIFOLIUM 'YAREENA'	YAREENA	17	0.1m	200mm			



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NOTES

Rev.DateIssueA16/12/24Preliminary IssueB15/01/25Preliminary IssueC06/02/25DA Issue

Checked CW CW CW



# BENELONG ROAD





PROJECT: Proposed SITE ADDRESS: 118-124 Benelong Rd & 72 Gerard St Cremorne NSW 2090

CLIENT: Kit Cunningham-Reid Apartment Development DRN: A.Elboz AILA RLA No:22214 SCALE: 1:100@A1 PROJECT NO: 242228

V

DRAWING TITLE: LANDSCAPE PLAN - LEVEL 2 DRAWING No Rev: CL-05



LEGEND

BOUNDARY

EXISTING LEVEL

PROPOSED LEVEL

CONCRETE

PAVING

SELECTED PEBBLES





PROPOSED PLANT SCHEDULE							
KEY	BOTANICAL NAME			MATURE HGT	POT SIZE		
	PLANTER						
	SHRUBS / SUCCULENTS						
CU	CRASSULA UNDULATIFOLIA 'MAX COOK'	CRASSULA MAX COOK	3	0.8m	200mm		
RI	RHAPHIOLEPIS INDICA 'SNOW MAIDEN'	SNOW MAIDEN	8	0.7m	200mm		
	GRASSES / GROUND COVERS						
DR	DICHONDRA REPENS 'EMERALD FALLS'	EMERALD FALLS DICHONDRA	10	0.1m	140mm		
RO	ROSMARINUS OFFICINALIS 'HUNTINGTON CARPET'	PROSTRATE ROSEMARY	4	1m	140mm		

PLANTING PALETTE





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Rev.DateIssueA16/12/24Preliminary IssueB15/01/25Preliminary IssueC06/02/25DA Issue

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BENELONG ROAD





PROJECT: Proposed ITE ADDRESS: 118-124 Benelong Rd & 72 Gerard St Cremorne NSW 2090

CLIENT: Kit Cunningham-Reid Apartment Development DRN: A.Elboz AILA RLA No:22214 SCALE: 1:100@A1 PROJECT NO: 242228

V

DRAWING TITLE: LANDSCAPE PLAN - LEVEL 3 DRAWING No Rev: CL-06

# PLANTING IMAGE BOARD

# 118-124 Benelong Road

Cremorne



# L-07





PLANTING - IMAGE BOARD 118-124 Benelong Road, Cremorne



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Selected turf laid tightly butted & well tamped down in brickwork pattern across slope

-100mm bedding layer of turf underlay

75mm layer of site topsoil

-Break up subgrade 100mm deep



Prior to any works commencing on site, including demolition, sediment and erosion controls must be installed in accordance with Landcom's 'Managing Stormwater: Soils and Construction' (2004). Techniques used for erosion and sediment control on site are to be adequately maintained and monitored at all times, particularly after periods of heavy rain, and shall remain in proper operation until all development activities have been completed and the site is sufficiently stabilised with vegetation across 70 percent of the site,

Unless identified by the development consent, existing trees shall be protected in accordance with AS4970-2009 Protection of Trees on Development Sites, with particular reference to Section 4, with no ground intrusion into the tree protection zone and no trunk, branch nor canopy disturbance.

Should any problems arise with regard to the existing trees on public land during the construction period, immediately contact Council's Tree Services section.

The public footways and roadways adjacent to the site shall be maintained in a safe condition at all times during the course of the works.

- Should any hazardous materials be identified by the contractor, contact SafeWork NSW to find a licensed removalist and assessor.

The person responsible for the development site is to erect or install on or around the development area such temporary structures or appliances (wholly within the development site) as are necessary to protect persons or property and to prevent unauthorised access to the site in order for the land or premises to be maintained in a

- Where demolition works have been completed and new construction works have not commenced within 4 weeks of completion of the demolition works that area affected by the demolition works shall be maintained in a safe and clean state until such time new construction works commence.

# SCALE: NTS **BUILDING MATERIAL STOCKPILES**

S P

Waterproof -

covering

Sediment fence-

AC

LANDSCAPE DESIGNS

## Space Landscape Designs Pty Ltd ABN 60 799 663 674 ACN 139 316 251 info@spacedesigns.com.au **P** 02 9905 7870 **F** 02 9905 7657 Suite 138, 117 Old Pittwater Rd,

Brookvale NSW 2100

SITE PREPARATION

WORKMANSHIP AND MATERIAL QUALITY **PROTECTION OF EXISTING TREES:** 

entry of machinery or storage of building materials, parking of any kind of vehicle erection or placement of site facilities, removal or stockpiling of soil or site debris, disposal of liquid waste including paint & concrete wash

Arborist. ELIMINATE WEEDS **IMPORTED TOPSOIL** 

if appropriate, for the following: Required finished levels and contours after light compaction.

characteristics: surfaces ready for planting. **PLANTING AREA** 

Remove weeds, rubbish, mulch and other debris. Do not disturb tree roots or services and if necessary cultivate these areas by hand. Spread topsoil on the prepared subsoil and grade evenly, making the necessary allowance to permit the required finished levels and contours after a light compaction. Spread topsoil to the typical depth of 300mm. Feather edges into adjoining undisturbed ground. PLANT STOCK

Plant stock to be supplied by production nurseries in accordance with AS 2303:2018 Tree Stock for Landscape Use. Health & Vigour: Supply plants with foilage size, texture & colour consistent with that shown in healthy specimens of the species. Balance of Crown: Supply plants with max. variation in crown bulk on opposite sides of stem axis, +/- 20%. Stock selection should also be based on NATSPEC Guide Specifying Trees: a Guide to Assessment of Tree Quality

TREE DELIVERY Carefully load, transport and unload, at the nominated site, the specified trees. All trees are to be delivered in such a way to prevent in transit wind damage. All trees shall be watered prior to loading for delivery. Plants shall not be contained within delivery vehicles for a period longer than 24hrs. Trees shall be carefully unloaded using methods appropriate to the size and weight of the trees. Damage to trees sustained during transport or unloading will result in those plants being rejected. Plants shall conform to the requirements at the time of delivery to the planting site. Transpiration shall be minimised during transport to prevent subsequent wilting or unseasonal defoliation. Plants that have been allowed to wilt or dry out during transport shall be rejected, irrespective of any previous acceptance. The soil mass of the root ball shall be securely contained and supported during transport. Root balls that have been unreasonably fractured, deformed or slumped during transit or unloading should not be accepted.

TREE PLACEMENT AND ALIGNMENT supplied markings where applicable. ROOT TRIMMING

All trees shall have the outer 10-25mm of the external root ball faces pruned or sliced away using secateurs or a sharp and clean spade. Avoid excessive disturbance to the remaining root ball during this trimming and discontinue if excessive root ball soil begins to fall away. Do not leave the root balls exposed for extended periods. Cover the root ball with moist hessian if backfilling cannot occur immediately. STAKING

BACKFILLING

with the top of the backfill. FERTILISING

applied according to manufacturers directions. ALUMINIUM GARDEN EDGING MULCHING

All landscaping must comply with AS 4454-2012 Compost, soil conditioners and mulches. All planting areas to receive 50-75mm of garden Mulch, Droughtmaster, ANL p: 02 9450 1444 or approved alternative. Keep mulch 100mm away from plant stem & form a well to stop excessive water runoff. Finish flush with adjacent surfaces. Always apply mulch to damp soil. Never place mulch over dry soil as once applied it will be difficult for soil rehydration to occur. If mulching on top of a pre-existing grass area, the grass or weeds must first be hand weeded or sprayed with a non-selective herbicide and allowed to wilt and die before the mulch is placed over the area. This practice will negate grass growing up through the mulch over time.

TURFING New turf- Sir Walter Softed Leafed Buffalo. Excavate / grade all areas to be turfed to 120mm below finished levels. Ensure that all surface runoff is directed away from buildings. Ensure that no pooling or ponding will occur. Further rip the subgrade to 150mm. Install 100mm of imported turf underlay. Rolls to be closely butted and laid in a brickwork pattern. Fill any small gaps with topsoil and water thoroughly.

WATERING Water in immediately after plant installation & allow for soil settlement. Watering program: Minimum 3 complete waterings, soaking to a depth of 150 mm at fortnightly intervals for the first 6 weeks of plant establishment irrespective of natural rainfall. Manually water all lawn and planting areas in absence of an irrigation system or until the proposed irrigation system is fully operational. Avoid frequent dampening of the surface. Allow the surface of the soil to partially dry out between waterings.

PAVERS ON SLAB movement joints with a high quality flexible sealant. covered by the paving before it commences to set.

hours. Pavers to comply with slip resistance AS 4586:2013. STAIRS, HANDRAILS AND BALUSTRADES 3.9.2 of the BCA and AS 1428.1 STEPPING STONES

Install each stepping stone on a 75mm thick mortar bed and space according to plan. Stones to finish 10mm above adjacent surface. Fill gaps as specified. **RETAINING WALLS & PLANTER BOXES** All retaining walls & planter boxes more than 600mm high to be constructed to Engineer's details. Ensure all internal surfaces are waterproofed. Geotextile wrapped ag. drainage line backfilled with aggregate is to be installed behind all retaining walls & connected to stormwater in accordance with Sydney Water regulations. All planter boxes are to have Atlantis drainage cell (or approved alternative) installed & connected to stormwater in accordance with Sydney Water regulations. TIMBER BATTEN SCREEN Horizontal timber batten screen 30mm thick x 40mm high hardwood battens with 8mm spacings. Battens to be fixed to galvanised steel universal columns or treated pine. Timber posts in rapid set concrete pad to solid ground. STONE WALL CLADDING Ensure blockwork/brickwork walls has an even and true surface, with a variance of no more than 2mm every 4m. If the wall is not true a render should be applied as per manufacturers recommendations. The addition of a shelf, pin or tie back system may be necessary. If unsure, contact engineer. The surface must be free from oil, grease, waxes, paints or any other loose materials. The application of a waterproof membrane is recommended for areas prone to efflorescence. The top course is to be sealed or capped to prevent moisture entering between the stone and the substrate. ESTABLISHMENT MAINTENANCE The Contractor shall monitor and maintain all planting and associated landscaping works for the duration of the maintenance period. This shall generally include lawn mowing, watering, failed plant replacements, pest and disease control, weed control and monitoring. Maintenance to be carried out to all areas where new planting is

with best horticultural practices. PROJECT: Propor Apart ITE ADDRESS:

TYPICAL INLET FILTER N.T.S

LANDSCAPE SPECIFICATION NOTES All Landscape plans to be read in conjunction with Architectural and other consultant plans and specifications

Locate any underground and overground services & ensure no damage occurs. Levels on plan are nominal only & all dimensions to be checked on site prior to

commencement. Final structural integrity of all items shall be the sole responsibility of landscape contractor.

Materials and workmanship are to conform to the current applicable Australian Standard Specifications and Codes. Any work or materials, which, in the opinion of the Site Manager do not meet appropriate industry standards should be rejected. Where works are adjacent to existing works, make proper junctions between new and existing works and make good any damage caused to adjoining existing and retained works.

Prior to construction, the builder shall erect tree protection fencing to the drip line of existing trees to be retained. The fence shall be constructed of star pickets at 2.4m spacings and connected by three strands of 2mm wire at 300mm spacings to a minimum height of 1500mm. Protect all trees affected by demolition & construction. Take necessary precautions to protect the Structural Root Zone(SRZ) as per AS 4970-2009 Australian Standard for Protection of Trees on Development Sites. Tree protection measures shall remain intact until the completion of all construction works.

Prohibited Works or material storage within the TPZ as per AS 4970-2009 except with approval of council:

excavation or trenching of any kind (including irrigation or electrical connections).

attaching any signs or any other objects to the tree, placement of waste disposal or skip bins

pruning and removal of branches, other than those by a qualified Arborist

Compacted Ground/Coring: Avoid compaction of the ground under trees. If compaction nevertheless occurs loosen the soil by Coring. Coring to be carried out by a qualified

Remove all existing weeds by hand, wiping or spraying with a glyphosate based herbicide. Weed control shall never be performed by mechanical cultivation or by scraping. Herbicide spraying is to be used to eliminate all existing weeds 30 days prior to planting.

All construction must comply with AS 4419-2018 Soils for Landscaping and Garden Use. Spread the topsoil on the prepared subsoil and grade evenly, making allowances,

- Compact lightly and uniformly in 150 mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following

- Finished to design levels, smooth and free from stones or lumps of soil. Graded to drain freely, without ponding, to catchment points. Grade evenly into adjoining ground

When the tree pit is excavated and the hole is the correct size, place the rootball in its final position. Ensure the trees are centred and plumb and the top of the rootball level with the finished surface of the surrounding soil mix. Do not use the trunk of the tree as a lever in positioning or moving the tree in the planting hole. Position the tree at the set out distances as indicated in the details. Ensure trunks are set vertically and aligned with other new or existing trees. Orientate the trees trunk north where indicated by

Install 3 x 2100mm (H) x 50mm x 50mm hardwood timber stakes with hessian ties to all trees. Provide appropriate support considering exposure to prevailing winds. Stakes and hessian ties to be removed as soon as the tree is self supporting.

Backfill with soil mix as specified in soil mixes and in accordance with the details and specification. Lightly compact the soil to ensure all voids around root balls are filled and that no air pockets are retained. Ensure that the backfill soil is not paced over the top of the potted root ball. The top of the root ball and plant stem must be kept level

Fertiliser to be applied at time of planting. Slow release landscape fertiliser suitable for trees and shrubs, 9 to 12 months release time. Osmocote or approved equivalent

## Supply and install Link Edge 75mm as per Landscape Plan. Compact and level the base in the required area as indicated on Landscape Plan. Half hammer spikes into prepunched holes (approx 4 spikes every 3m length) starting from the first hole in the end of the Link Edge. Use spike washers supplied by manufacturer. Half hammer subsequent spikes in pivotal areas along the length. (Especially at points where a curve is required). Connect lengths together by using fish-plate connectors supplied by manufacturer. Check position of Link Edge is correct before hammering spikes firmly into ground.

Pavers to be laid over a suitably constructed reinforced concrete base to engineer specifications. Provide movement joints over any expansion joints in the substrate, changes in background substrate or at a maximum of 5m intervals when in large areas. Joints shall go through the paver and mortar bed to the substrate. Seal all

Mortar bedding: use clean washed sand and cement at a ratio of 3 parts sand to 1 part cement thoroughly mixed screeded accurate to falls to a depth of approximately 25mm, dust the surface of the mortar liberally with dry neat cement allowing the moisture from the mortar to wet the neat cement. Do not spread more mortar than can be

Adhesive Bedding: use a good quality flexible adhesive such as Readyfix Elasta Grip, mix according to the instructions, notch the adhesive out with a 12mm x 12mm notch trowel (do not spread more adhesive than be covered before it commences to skin over) approximately 1m2 at a time.

Place the pavers in the required pattern, taking care to keep the lines straight by checking each row with a string line and fitting the cut pieces as you go, until the area is paved. Ensure any excess cement, mortar or dust from cutting is removed from the surface of the paver before it commences to set. Grouting can commence after 24

Stairs constructed to ensure adequate cross-fall to prevent ponding and provide adequate runoff. The stairs, balustrades and handrail are to comply with Part 3.9.1 and Part

installed. Weeding shall extend around and in between individual plants and up to paths, kerns or other defining edges. Carry out all maintenance activities for all new garden and lawn areas as required to ensure the plants and turf become established within the maintenance period and are kept in a healthy and tidy state in accordance

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PROJECT: Proposed	CLIENT: Kit Cunningham-Reid	DRAWING TITLE: LANDSCAPE DETAILS AND	
Apartment Development	DRN: A.EIboz AILA RLA No:22214		IFICATIONS
SITE ADDRESS:	SCALE: As shown@A1	JFLC	
118-124 Benelong Rd & 72 Gerard St	J	DRAWING No:	
Cremorne NSW 2090	PROJECT NO: 242228	L-08	Rev: <b>B</b>