# LANDSCAPE DA DOCUMENTATION

# **KEY PLAN**



# DRAWING REGISTER

DRAWING NUMBER	DRAWING NAME
LDA-000	LANDSCAPE COVER SHEET
LDA-100	EXISTING TREE PLAN
LDA-101	LANDSCAPE MASTER PLAN
LDA-102	LANDSCAPE PLAN 1
LDA-103	LANDSCAPE PLAN 2
LDA-104	LANDSCAPE PLAN 3
LDA-105	LEVEL 5 LANDSCAPE PLAN
LDA-201	LANDSCAPE SECTIONS
LDA-301	LEVEL 1 INDICATIVE TREE PLAN
LDA-302	LEVEL 1 INDICATIVE PLANTING PLAI
LDA-303	LEVEL 1 INDICATIVE PLANT PALETTE
LDA-304	LEVEL 5 INDICATIVE PLANTING PLA
LDA-401	LANDSCAPE DETAILS

# **PROJECT DESCRIPTION**

i	DEMOLITION OF EXISTING BUILDINGS, TREE REMOVAL AN
	CONSTRUCTION OF 2X NEW MIXED-USE BUILDINGS OVER PARK COMPRISING:
ii	1. 219 RESIDENTIAL APARTMENTS
	2. COMMERCIAL TENANCIES ON GROUND FLOOR

ANDSCAPE ARCHITECT CLIENT	ARCHITECT	NOTE	ISSUE	DATE	DESCRIPTION	DRAWN	CHECKED	DRAWING TITLE
dh.			Α	03.12.21	ISSUE FOR DA	MC	RL	
	rothelowman	VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR	В	30.11.22	ISSUE FOR DA	WL	RL	
JAUUNU INA   landmark		TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE. LOCATION OF UNDERGROUND SERVICES TO BE PROVEN ON	С	07.12.22	ISSUE FOR DA	WL	RL	LANDSC
UITE 201, 75 ARCHER ST, CHATSWOOD NSW 2067 PH. (02)	LV 1/241 COMMONWEALTH STREET, SURRY HILLS, NSW 2010	SITE AND PROTECTED IF NECESSARY PRIOR TO CONSTRUCTION. DIAL BEFORE YOU DIG. PLANT SPECIES AND QUANTITIES SHOWN ARE INDICATIVE ONLY AND ARE SUBJECT TO CHANGE BASED ON FUTURE PROJECT REQUIREMENTS.						
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E
N AND PALETTE

ND SITE CLEARING

R A SHARED TWO STOREY BASEMENT CAR

	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.		
	07-DEC-22	20210520	WL	RL	LDA-000		
	PROJECT						
APE COVER SHEET	4 DELMAR PARADE & 812 PITTWATER ROAD DEE WHY, NSW 2099						
	SCALE N	TS / A3			REV		
					С		

# **EXISTING TREE SCHEDULE**

ID	DESCRIPTION	EXISTING HEIGHT	PROPOSED ACTION
T20	Casuarina glauca (Swamp sheoak)	15m	REMOVE
T21	Casuarina glauca (Swamp sheoak)	16m	REMOVE
T22	Casuarina glauca (Swamp sheoak)	16m	REMOVE
T24	Casuarina glauca (Swamp sheoak)	15m	RETAIN
T31	Casuarina glauca (Swamp sheoak)	14m	REMOVE
T32	Casuarina glauca (Swamp sheoak)	12m	REMOVE
Т33	Casuarina glauca (Swamp sheoak)	10m	REMOVE
Т34	Casuarina glauca (Swamp sheoak)	13m	REMOVE
T35	Casuarina glauca (Swamp sheoak)	8m	REMOVE
T36	Casuarina glauca (Swamp sheoak)	8m	REMOVE
T37	Casuarina glauca (Swamp sheoak)	12m	REMOVE
T38	Casuarina glauca (Swamp sheoak)	16m	REMOVE
Т39	Melaleuca quinquenervia (Broad-leaved Paperbark)	16m	REMOVE
T40	Casuarina glauca (Swamp sheoak)	16m	REMOVE
T41	Casuarina glauca (Swamp sheoak)	12m	REMOVE
T42	Melaleuca quinquenervia (Broad-leaved Paperbark)	11m	REMOVE
T43	Casuarina glauca (Swamp sheoak)	5m	REMOVE
T44	Casuarina glauca (Swamp sheoak)	10m	REMOVE
T45	Casuarina glauca (Swamp sheoak)	11m	REMOVE
T46	Casuarina glauca (Swamp sheoak)	10m	REMOVE
T47	Melaleuca quinquenervia (Broad-leaved Paperbark)	8m	REMOVE
T48	Casuarina glauca (Swamp sheoak)	12m	REMOVE
T49	Melaleuca quinquenervia (Broad-leaved Paperbark)	12m	REMOVE
T50	Casuarina spp.	12m	REMOVE
T51	Casuarina spp.	12m	REMOVE
T52	Casuarina spp.	11m	REMOVE
T53	Casuarina spp.	5m	REMOVE
T54	Casuarina spp.	10m	REMOVE
T55	Casuarina spp.	11m	REMOVE
T56	Casuarina spp.	10m	REMOVE
T57	Casuarina spp.	8m	REMOVE
T58	Casuarina spp.	12m	REMOVE
T59	Casuarina spp.	12m	REMOVE
T60	Casuarina spp.	6m	REMOVE
T61	Casuarina spp.	12m	REMOVE
T62	Casuarina spp.	12m	RETAIN
Т63	Casuarina spp.	10m	RETAIN
T64	Banksia spp.	12m	REMOVE
T65	Banksia spp.	10m	REMOVE
T66	Banksia spp.	14m	REMOVE
T67	Glochidion ferdinandi ( TPZ Incursion 7.5%)	6m	RETAIN
T68	Casuarina spp.	14m	REMOVE
T69	Casuarina spp.	12m	REMOVE

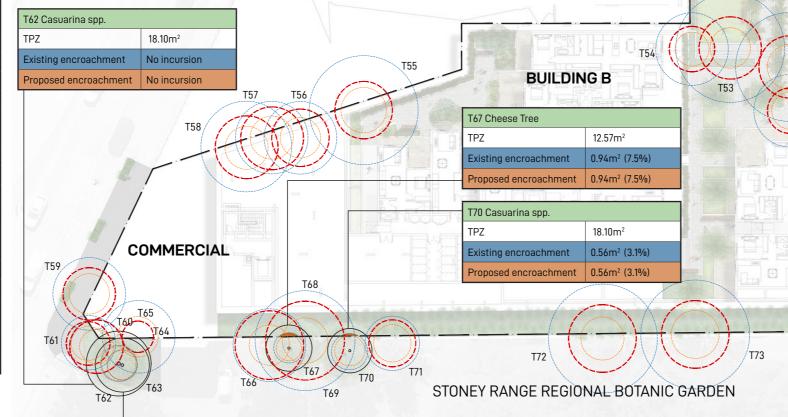
ID	DESCRIPTION	EXISTING HEIGHT	PROPOSED ACTION
T70	Casuarina spp. ( TPZ Incursion 3.1%)	8m	RETAIN
T71	Casuarina spp.	8m	REMOVE
T72	Casuarina spp.	10m	REMOVE
T73	Casuarina spp.	10m	REMOVE
T74	Banksia spp.	6m	REMOVE
T75	Banksia spp.	7m	REMOVE
T76	Banksia spp.	7m	REMOVE
T77	Glochidion ferdinandi	6m	REMOVE
T78	Casuarina spp.	10m	REMOVE
T79	Melaleuca spp.	9m	REMOVE
T80	Casuarina spp.	11m	REMOVE
T81	Casuarina spp.	10m	REMOVE
T82	Casuarina spp.	10m	REMOVE
т83	Casuarina spp.	9m	REMOVE
T84	Casuarina spp.	9m	REMOVE
T85	Melaleuca spp.	7m	REMOVE
T86	Casuarina spp.	8m	REMOVE
T87	Casuarina spp.	8m	REMOVE
T88	Melaleuca spp.	6m	REMOVE
T89	Casuarina spp.	10m	REMOVE
T90	Casuarina spp.	8m	REMOVE

17	° 7°		T21
	$\bigcirc$	EXISTING TREE TO BE REMOVED	
	0	EXISTING TREE TO BE RETAINED	
		TREE PROTECTION ZONE	
		STRUCTURAL ROOT ZONE	
		ENCROACHMENT (T67 & T70)	

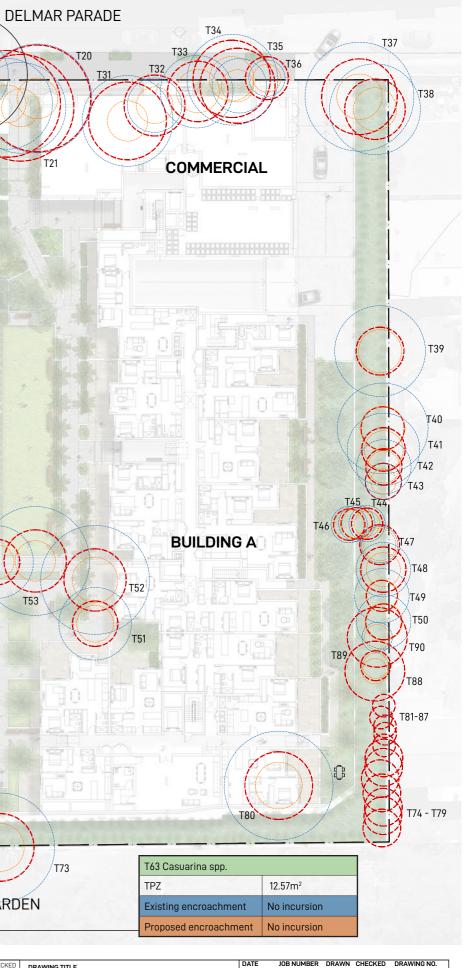
T24

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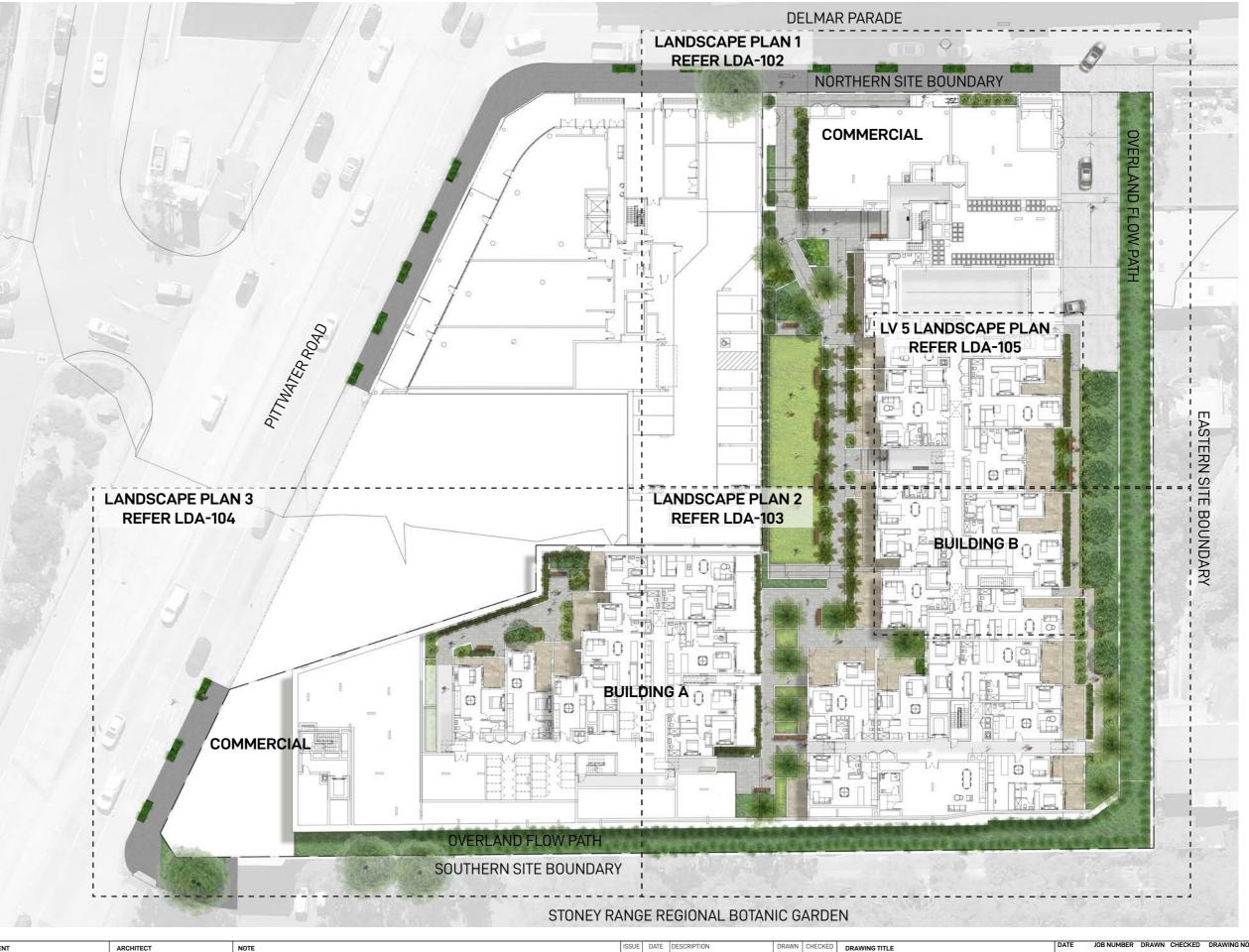
T31 - T89 information sourced from Dr Treegood Arborist report dated October 2021.







	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
	07-DEC-22	20210520	WL	RL	LDA-100
	PROJECT				
	4 DELM	IAR PARADI	E & 812	PITTWAT	ER ROAD
ING TREE PLAN	DEE WHY, N	ISW 2099			
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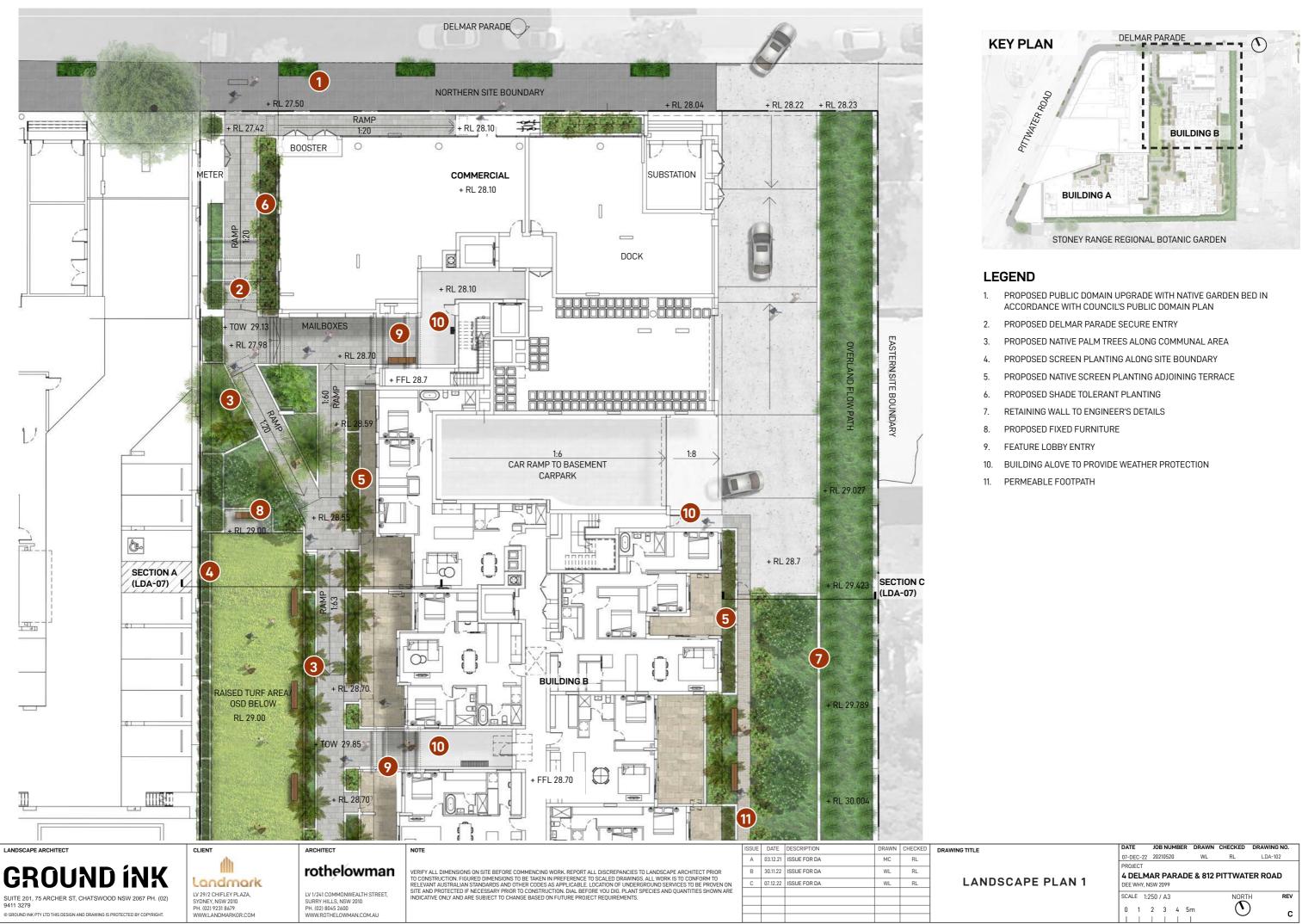


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ISSUE	DATE	DESCRIPTION	DRAWN	CHECKED	DRAWING TITLE
Α	03.12.21	ISSUE FOR DA	MC	RL	
В	30.11.22	ISSUE FOR DA	WL	RL	
С	07.12.22	ISSUE FOR DA	WL	RL	LANDSCA

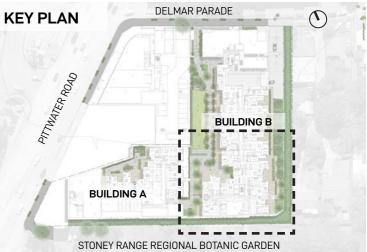
	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
	07-DEC-22	2 20210520	WL	RL	LDA-101
	PROJECT				
	4 DELN	AR PARAD	E & 812	PITTWAT	ER ROAD
PE MASTER PLAN	DEE WHY,	NSW 2099			
	SCALE 1	:500 / A3		NORT	H REV
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	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
	07-DEC-22	20210520	WL	RL	LDA-102
	PROJECT				
DSCAPE PLAN 1	4 DELM DEE WHY, N	AR PARADI ISW 2099	E & 812	PITTWAT	ER ROAD
	SCALE 1:2	250 / A3		NORT	H REV
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LANDSCAPE ARCHITECT	CLIENT	ARCHITECT	NOTE	ISSUE	DATE	DESCRIPTION	DRAWN	CHECKED	DRAWING TITLE
	db			A	03.12.21	ISSUE FOR DA	MC	RL	
<b>GROUND ÍNK</b>	1111	rothelowman	VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR	В	30.11.22	ISSUE FOR DA	WL	RL	
האוו עאוטטהט	Landmark	TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE. LOCATION OF UNDERGROUND SERVICES TO BE PROVEN ON UV 1/241 COMMONWEALTH STREET, INDICATVE OUT AND ARE SUBJECT TO CHANGE BASED ON FUTURE PROJECT REQUIREMENTS.	RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE. LOCATION OF UNDERGROUND SERVICES TO BE PROVEN ON	С	07.12.22	ISSUE FOR DA	WL	RL	LA
SUITE 201, 75 ARCHER ST, CHATSWOOD NSW 2067 PH. (02)	LV 29/2 CHIFLEY PLAZA,								
9411 3279	SYDNEY, NSW 2010 PH. (02) 9231 8679	SURRY HILLS, NSW 2010 PH. (02) 8045 2600					-		
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# LEGEND

- 1. PROPOSED NATIVE PALM TREE ALONG COMMUNAL AREA
- 2. PROPOSED SCREEN PLANTING ALONG SITE BOUNDARY
- 3. PROPOSED NATIVE SCREEN PLANTING ADJOINING TERRACE
  - PROPOSED SHADE TOLERANT PLANTING
- 5. RETAINING WALL TO ENGINEER'S DETAILS
  - BENCH SEATING
- 7. BUILDING ALOVE TO PROVIDE WEATHER PROTECTION
- 8. PERMEABLE FOOTPATH

E	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
	07-DEC-22	20210520	WL	RL	LDA-103
	PROJECT				
NDSCAPE PLAN 2	4 DELM DEE WHY, N	IAR PARAD	)E & 812	PITTWAT	ER ROAD
	SCALE 1:	250 / A3		NORT	H REV
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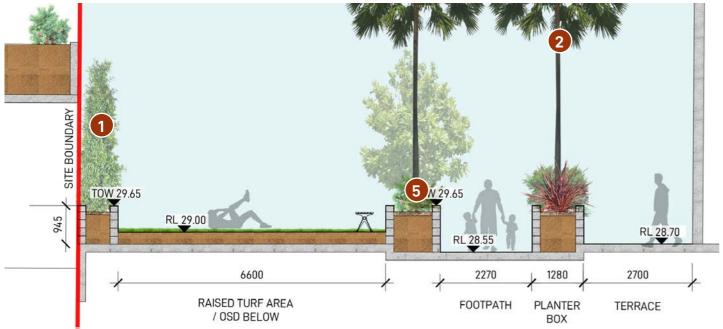
	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
	07-DEC-22	20210520	WL	RL	LDA-104
	PROJECT				
SCAPE PLAN 3	4 DELM DEE WHY, N	AR PARADI ISW 2099	E & 812	PITTWAT	ER ROAD
	SCALE 1:	250 / A3		NORT	H REV
	0 1	2 3 4 5	m I	C	) с



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	07-DEC-22	2021052	0	WL	RL	LDA-105
	PROJECT					
LANDSCAPE PLAN	4 DELM DEE WHY, N		RADE	812	PITTWAT	ER ROAD
	SCALE 1:1	100 / A3			NORT	H REV
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# LEGEND

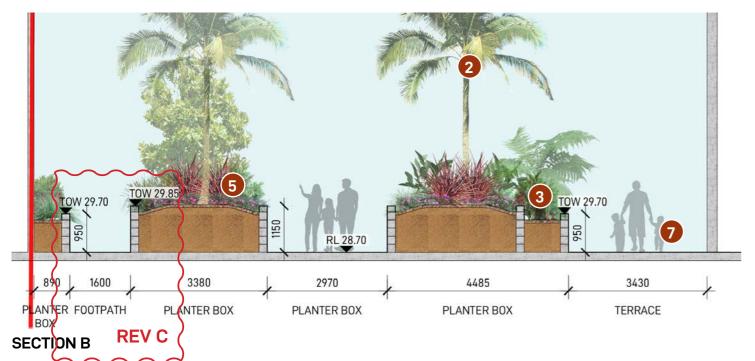
- 1. PROPOSED SCREEN PLANTING ALONG SITE BOUNDARY
- 2. PROPOSED NATIVE PALM TREES ALONG COMMUNAL AREA
- 3. PROPOSED SHADE TOLERANT PLANTING
- 4. PROPOSED NATIVE SCREEN PLANTING ADJOINING TERRACE
- 5. PROPOSED MIXED HEIGHT PLANTING
- 6. PROPOSED NATIVE TREE
- 7. PRIVATE TERRACE
- 8. PERMEABLE PAVING

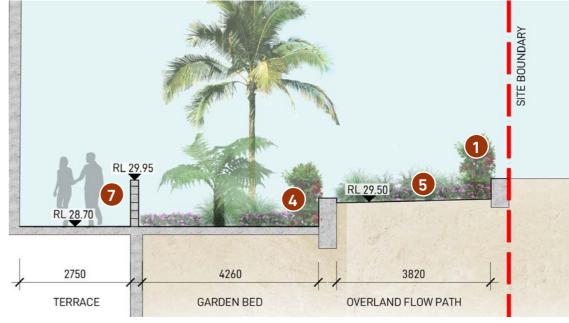




SECTION C







SECTION D

# LANDSCAPE ARCHITECT GROUND INK STOLED IN A CHART STORE OF A CHART STORE OF A CHART STORE

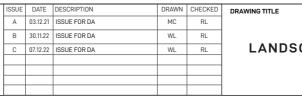
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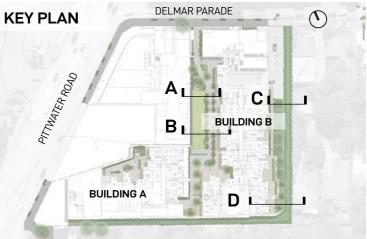
CLIENT

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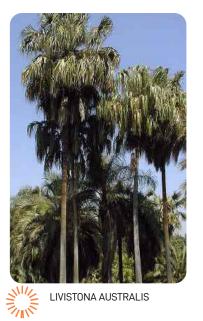
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STONEY RANGE REGIONAL BOTANIC GARDEN

	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
	07-DEC-22	20210520	WL	RL	LDA-201
	PROJECT				
CAPE SECTIONS	4 DELM DEE WHY, N	AR PARADE	E & 812	PITTWAT	ER ROAD
	SCALE 1:1	00 / A3			REV
	0 0.5	1 1.5	2 2.5r	n	с







HOWEA FORSTERIANA



BANKSIA SERRATA



ARCHONTOPHOENIX CUNNINGHAMIANA



MAGNOLIA 'TEDDY BEAR'

ANGOPHORA FLORIBUNDA

NOTE



ELAEOCARPUS EUMUNDII

**GROUND ÍNK** 

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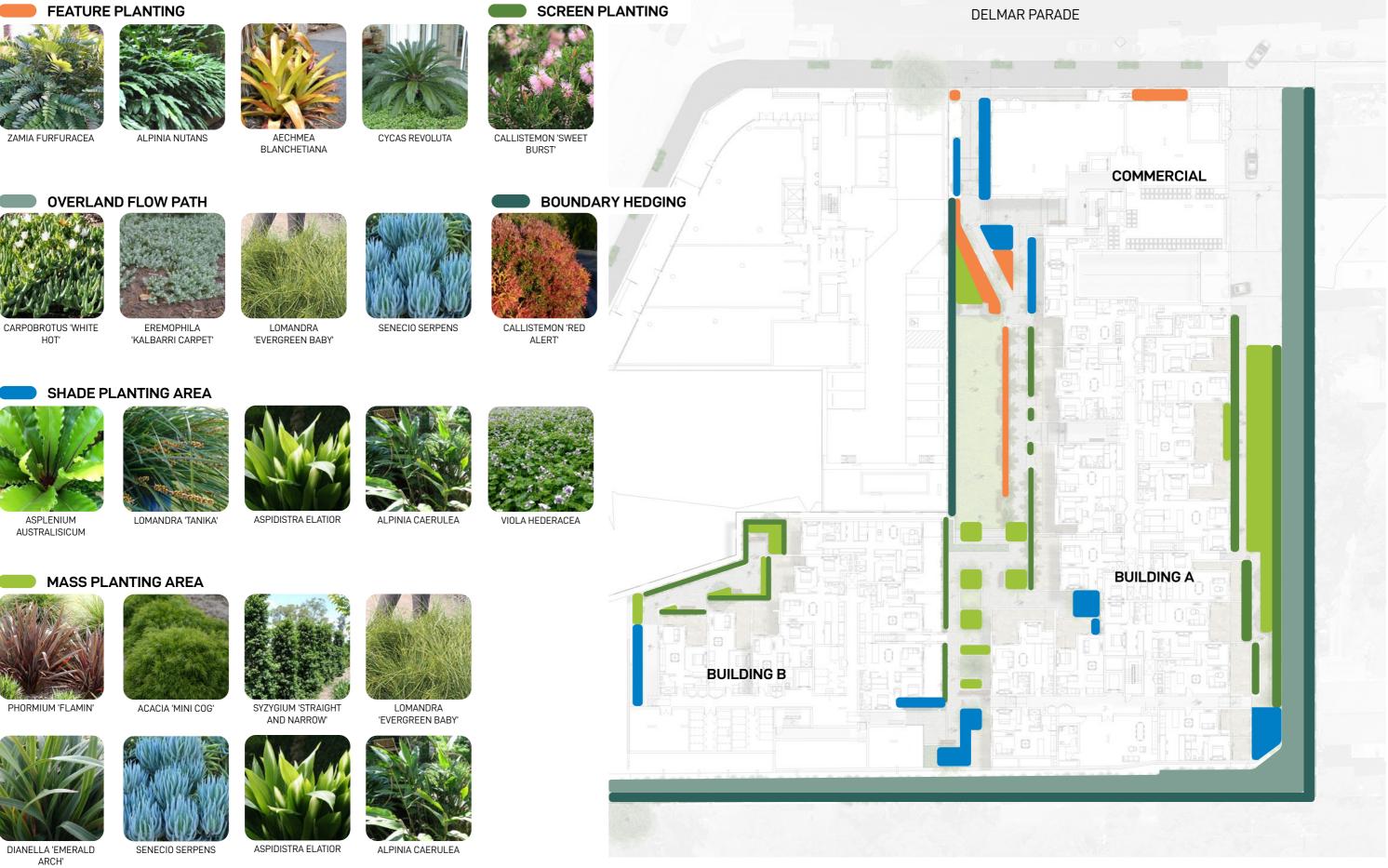
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ISSUE	DATE	DESCRIPTION	DRAWN	CHECKED	DRAWING TITLE
А	03.12.21	ISSUE FOR DA	MC	RL	
В	30.11.22	ISSUE FOR DA	WL	RL	
С	07.12.22	ISSUE FOR DA	WL	RL	LEVEL 1 INDICATIVE
					TREE PLAN



07-DEC-22 20210520 WL RI LDA-301 PROIECT

4 DELMAR PARADE & 812 PITTWATER ROAD DEE WHY, NSW 2099 SCALE 1:250 / A3 NORTH 0 1 2 3 4 5m



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SSUE DATE DESCRIPTION DRAWN CHECKED DRAWING TITLE A 03.12.21 ISSUE FOR DA MC RL B 30.11.22 ISSUE FOR DA WL RL LEVEL C 07.12.22 ISSUE FOR DA WL RL PLA

	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
	07-DEC-22	20210520	WL	RL	LDA-302
	PROJECT				
L 1 INDICATIVE	4 DELM DEE WHY, N	AR PARADI	E & 812	PITTWAT	ER ROAD
NTING PLAN	SCALE 1:	250 / A3		NORT	H REV
	0 1	2 3 4 5	m 	C	) с

## TREES





ANGOPHORA FLORIBUNDA



ARCHONTOPHOENIX CUNNINGHAMIANA





DICKSONIA ANTARCTICA



HOWEA FORSTERIANA



LIVISTONA AUSTRALIS

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ELAEOCARPUS

EUMUNDII



MAGNOLIA 'TEDDY BEAR'

LANDSCAPE ARCHITECT

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ARCHONTOPHOENIX ALEXANDRAE



BANKSIA SERRATA



SHRUBS

ALPINIA NUTANS

BLECHNUM 'SILVER LADY'

CALLISTEMON 'SWEET

BURST'

PHORMIUM 'FLAMIN'

BLANCHETIANA



ALPINIA CAERULEA



CYCAS REVOLUTA



CALLISTEMON 'RED ALERT'



NARROW'









ASPLENIUM AUSTRALASICUM

CARPOBROTUS 'WHITE

HOT'

CARPET'

LIRIOPE 'JUST RIGHT'

ASPIDISTRA ELATIOR



ACACIA 'MINI COG'



DIANELLA 'EMERALD ARCH'



LOMANDRA 'EVERGREEN BABY'



LOMANDRA 'TANIKA'



SENECIO SERPENS

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# PLANT SCHEDULE

BOTANICAL NAME (COMMON NAME)	HEIGHT	NATIVE	POT SIZ
TREES			
ANGOPHORA FLORIBUNDA (ROUGH BARKED APPLE)	20M	<i>√</i>	200L
ARCHONTOPHOENIX ALEXANDRAE (ALEXANDRA PALM)	20M	$\checkmark$	200L
ARCHONTOPHOENIX CUNNINGHAMIANA (AUSTRALIAN PALM)	20M	$\checkmark$	200L
BANKSIA SERRATA (OLD MAN BANKSIA)	8M	<i>√</i>	200L
DICKSONIA ANTARCTICA (SOFT TREE FERN)	5M	<i>\</i>	200L
ELAEOCARPUS EUMUNDII (QUANDONG)	8M	<i>√</i>	200L
HOWEA FORSTERIANA (KENTIA PALM)	10M	$\checkmark$	200L
LIVISTONA AUSTRALIS (CABBAGE TREE PALM)	30M	<i>√</i>	200L
MAGNOLIA 'TEDDY BEAR'	5M		75L
SHRUBS			÷
AECHMEA BLANCHETIANA	0.6M		300MM
ALPINIA NUTANS (DWARF CARDAMOM)	1M		300MM
ALPINIA CAERULEA (NATIVE GINGER)	2M	<i>√</i>	300MM
BLECHNUM 'SILVER LADY'	1M		300MM
CYCAS REVOLUTA (SAGO PALM))	1M		300MM
CALLISTEMON 'SWEET BURST'	1M	<i>\</i>	300MM
CALLISTEMON 'RED ALERT'	1.8M	<i>√</i>	300MM
PHORMIUM 'FLAMIN'	1M		300MM
SYZYGIUM 'STRAIGHT AND NARROW'	5M	<i>√</i>	300MM
ZAMIOCULCAS ZAMIIFOLIA (ZZ PLANT)	0.6M		300MM
GRASSES AND GROUNDCOVERS			
ASPIDISTRA ELATIOR (CAST IRON PLANT)	0.6M		200MM
ASPLENIUM AUSTRALASICUM (BIRD NEST FERN)	1M	$\checkmark$	200MM
ACACIA 'MINI COG'	0.7M	$\checkmark$	200MM
CARPOBROTUS 'WHITE HOT'	0.2M	$\checkmark$	200MM
DIANELLA 'EMERALD ARCH'	0.6M	<i>\</i>	200MM
EREMOPHILA 'KALBARRI CARPET'	0.2M	$\checkmark$	200MM
LOMANDRA 'EVERGREEN BABY'	0.6M	J	200MM
LIRIOPE 'JUST RIGHT'	0.3M		200MM
LOMANDRA 'TANIKA'	0.6M	J	200MM
PHILODENDRON 'XANADU'	1M		200MM
SENECIO SERPENS (BLUE CHALK STICK)	0.3M		200MM
VIOLA HEDERACEA (NATIVE VIOLET)	0.3M	J	200MM



SUE	DATE	DESCRIPTION	DRAWN	CHECKED	DRAWING TITLE	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.
Α	03.12.21	ISSUE FOR DA	MC	RL		07-DEC-22	20210520	WL	RL	LDA-303
в	20 11 22	ISSUE FOR DA	WI	RL		PROJECT				
•	30.11.22	ISSUE FOR DA	VVL			4 DELM	AR PARADE	E & 812	PITTWAT	ER ROAD
С	07.12.22	ISSUE FOR DA	WL	RL	LEVEL 1 INDICATIVE	DEE WHY, N	SW 2099			
					PLANT PALETTE	SCALE N/	/Α			REV
										С
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ARCHITECT

rothelowman

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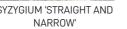
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NOTE















TREES





PHORMIUM 'FLAMIN'
SYZYGIUM 'TINY TREV'
WESTRINGIA 'MUNDI'
GRASSES AND GROUNDCO
ACACIA 'MINI COG'
CARPOBROTUS 'WHITE HO
DIANELLA 'EMERALD ARC
LOMANDRA 'TANIKA'
POA LABILLARDIERI (COM
SENECIO SERPENS (BLUE

**GENERAL PLANTING** 



WESTRINGIA 'MUNDI'









DIANELLA 'EMERALD ARCH'



POA LABILLARDIERI

PHORMIUM 'FLAMIN'

SENECIO SERPENS

DRAWING TITLE	CHECKED	DRAWN	DESCRIPTION	DATE
	RL	MC	ISSUE FOR DA	03.12.21
LEVEL 5 IN	RL	WL	ISSUE FOR DA	30.11.22
	RL	WL	ISSUE FOR DA	07.12.22
PLANTING PLA				





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# PLANT SCHEDULE

BOTANICAL NAME	HEIGHT	NATIVE	POT SIZE
TREES			
CALLISTEMON 'HANNAH RAY'	3M		75L
SHRUBS			
DRACAENA MARGINATA (DRAGON SHRUB)	3M		45L
GAURA LINDHEIMERI (BUTTERFLY BUSH)	1M		300MM
PHORMIUM 'FLAMIN'	1M		300MM
SYZYGIUM 'TINY TREV'	1.2M	$\checkmark$	300MM
WESTRINGIA 'MUNDI'	1.2M	$\checkmark$	300MM
GRASSES AND GROUNDCOVERS			
ACACIA 'MINI COG'	0.7M	$\checkmark$	200MM
CARPOBROTUS 'WHITE HOT'	0.2M	$\checkmark$	200MM
DIANELLA 'EMERALD ARCH'	0.6M	$\checkmark$	200MM
LOMANDRA 'TANIKA'	0.6M	$\checkmark$	200MM
POA LABILLARDIERI (COMMON TUSSOCK)	1M	$\checkmark$	200MM
SENECIO SERPENS (BLUE CHALK STICKS)	0.3M		200MM

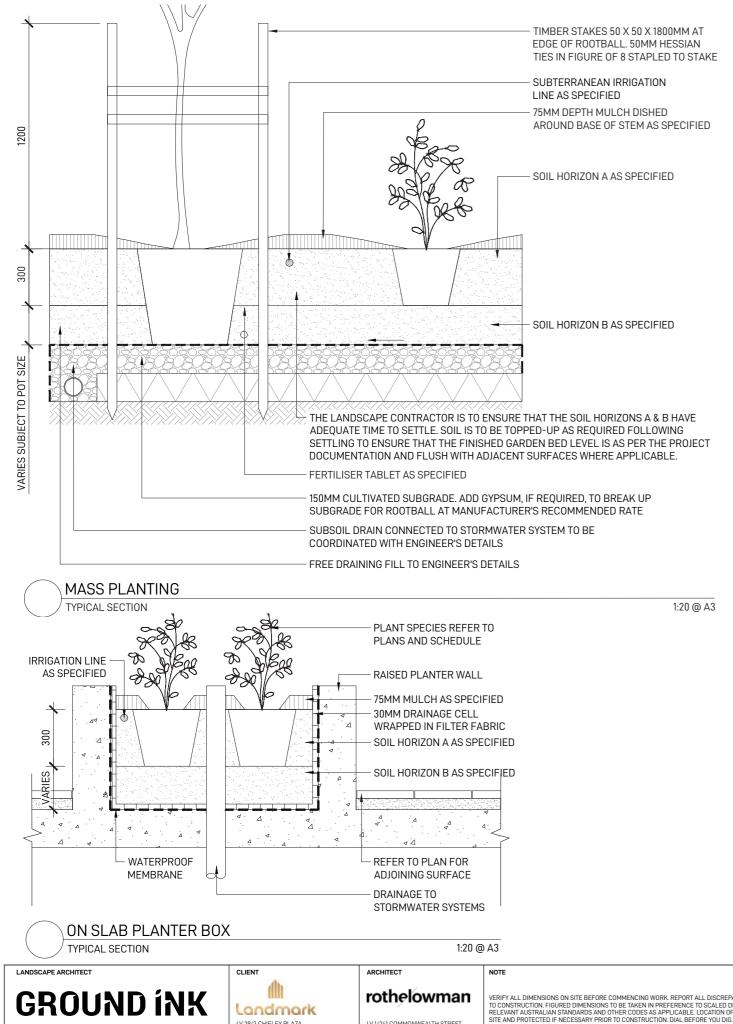
GAURA LINDHEIMERI



LOMANDRA 'TANIKA'

	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.			
	07-DEC-22	20210520	RL	LDA-304				
	PROJECT							
L 5 INDICATIVE G PLAN & PALETTE	4 DELMAR PARADE & 812 PITTWATER ROAD DEE WHY, NSW 2099							
	SCALE 1:1	00 / A3	NORT	ORTH REV				
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## **OUTLINE LANDSCAPE SPECIFICATION**



## **OUTLINE LANDSCAPE SPECIFICATION**

#### GENERAL

MAINTENANCE SHALL MEAN THE CARE AND MAINTENANCE OF THE LANDSCAPE WORKS BY ACCEPTED HORTICULTURAL PRACTICE AS RECTIFYING ANY DEFECTS THAT BECOME APPARENT IN THE LANDSCAPE WORKS UNDER NORMAL USE. THE LANDSCAPE CONTRACTOR SHALL ATTEND THE SITE ON A WEEKLY BASIS TO MAINTAIN THE LANDSCAPE WORKS FOR THE FULL TERM APPROVED AT CC STAGE OF THE MAINTENANCE PERIOD (COMMENCING FROM PRACTICAL COMPLETION).

#### RUBBISH REMOVAL

DURING THE TERM OF THE MAINTENANCE PERIOD THE LANDSCAPE CONTRACTOR SHALL UNDERTAKE RUBBISH REMOVAL FROM THE SITE ON A WEEKLY BASIS TO ENSURE THE SITE REMAINS IN TIDY CONDITION

#### WEED ERADICATION

WEED GROWTH THAT MAY OCCUR IN, PLANTED OR MULCHED AREAS IS TO BE REMOVED USING ENVIRONMENTALLY ACCEPTABLE METHODS I.E. NON-RESIDUAL GLYPHOSATE HERBICIDE, (E.G. 'ROUNDUP', APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS) OR HAND WEEDING.

#### TREE REPLACEMENT

TREES SHALL SHOW SIGNS OF HEALTHY VIGOROUS GROWTH AND BE FREE FROM DISEASE AND NOT EXHIBIT SIGNS OF STRESS PRIOR TO HANDOVER TO THE CLIENT. ANY TREES OR PLANT THAT DIE OR FAIL TO THRIVE, OR ARE DAMAGED OR STOLEN WILL BE REPLACED. REPLACEMENT MATERIAL SHALL HAVE THE MAINTENANCE PERIOD EXTENDED IN ACCORDANCE WITH THE LANDSCAPE CONTRACT CONDITIONS. TREES AND PLANT MATERIALS SHALL BE EQUAL TO THE MINIMUM REQUIREMENTS OF SPECIES SPECIFIED AND APPROVED MATERIAL DELIVERED TO SITE. SHOULD THE CONDITION DECLINE FROM THE APPROVED SAMPLE THE SUPERINTENDENT RESERVES THE RIGHT TO REJECT THE TREE / PLANTS. FREQUENCY: AS REQUIRED.

#### PRUNING

SELECTIVE PRUNING MAY BE REQUIRED DURING THE ESTABLISHMENT PERIOD TO PROMOTE A BALANCED CANOPY STRUCTURE. THESE ACTIVITIES SHALL BE CARRIED OUT TO THE BEST HORTICULTURAL AND INDUSTRY PRACTICE. ALL PRUNED MATERIAL IS TO BE REMOVED FROM SITE.

#### IRRIGATION

A LOW VOLUME DRIP IRRIGATION SYSTEM MAY BE INSTALLED AT THE DISCRETION OF THE DEVELOPER. POSITION OF CONTROL BOX, SOLENOIDS AND IRRIGATION CONDUITS TO BE DESIGNED BY QUALIFIED IRRIGATION ENGINEER AT CC STAGE CONTROLLERS SHALL BE MOUNTED ON A STABLE WALL, POWER RACK, OR FORMED AND CONSTRUCTED CONCRETE BASED PEDESTAL MOUNT. PERFORMANCE SPECIFICATION TO BE PROVIDED BY LANDSCAPE ARCHITECT, NOMINALLY 25MM DELIVERED TO PLANT AREAS EACH WEEK DURING ESTABLISHMENT (DEPENDING ON WEATHER CONDITIONS). AFTER ESTABLISHMENT, IRRIGATION RATES CAN BE DECREASED IN CERTAIN AREAS OF THE LANDSCAPE DEPENDING ON THE SPECIES.

#### WATERING

IMPLEMENT AN APPROPRIATE HAND WATERING REGIME IN AREAS NOT IRRIGATED IN ASSOCIATION WITH CURRENT WATERING PROGRAMME TO MAINTAIN PLANT HEALTH AND VIGOUR. THE PROGRAM SHALL REFLECT SEASONAL CONDITIONS AND PLANT SPECIES. FREQUENCY: WEEKLY OR AS REQUIRED.

#### DRAINAGE

ALL LANDSCAPE AREAS ARE TO HAVE POSITIVE DRAINAGE TO SW SYSTEMS. IF AREAS OF POOR DRAINAGE ARE IDENTIFIED ON SITE THEN THIS SHOULD BE BROUGHT TO THE SITE SUPERINTENDENTS ATTENTION. INSTALL AGG LINES IF REQUIRED

### SOILS

HORIZON A - GARDEN BEDS ON NATURAL GROUND A SANDY LOAM TO CLAY LOAM TOPSOIL MIX DESIGNED FOR GENERAL PURPOSE. ON-GRADE LANDSCAPE GARDEN BED PLANTING OF GRASSES, WOODY AND HERBACEOUS ANNUALS AND PERENNIALS THAT HAVE HIGH NUTRIENT REQUIREMENT FOR SUSTAINED OPTIMUM GROWTH, AND ARE NOT SUBJECT TO COMPACTION BY PEDESTRIAN AND OTHER FOOT TRAFFIC. HEAVIER TEXTURED SOILS IN THIS SPECIFICATION MAY REQUIRE ENGINEERED SOLUTIONS WHERE EXCESSIVE WETNESS IS ANTICIPATED. NOTE THAT ORGANIC SOIL VARIANT SHOULD NOT BE CHOSEN FOR LOW PLANTINGS AND SHOULD NOT BE USED BELOW 300MM. PLANTING METHODS INCLUDE DIRECT SEEDING, TUBE AND POTTED SPECIMENS UP TO 45L

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LANDSCAPE ARCHITECT	CLIENT	ARCHITECT	NOTE	ISSUE	DATE	DESCRIPTION	DRAWN	CHECKED	DRAWING TITLE
-	db			A	03.12.21	ISSUE FOR DA	MC	RL	
	rothelowman	VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING WORK. REPORT ALL DISCREPANCIES TO LANDSCAPE ARCHITECT PRIOR	В	30.11.22	ISSUE FOR DA	WL	RL		
<b>GROUND ÍNK</b>	UUND INA Landmark		TO CONSTRUCTION. FIGURED DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED DRAWINGS. ALL WORK IS TO CONFORM TO RELEVANT AUSTRALIAN STANDARDS AND OTHER CODES AS APPLICABLE LOCATION OF UNDERGROUND SERVICES TO BE PROVEN ON SITE AND PROTECTED IF NECESSARY PRIOR TO CONSTRUCTION. DIAL BEFORE YOU DIG, PLANT SPECIES AND QUANTITIES SHOWN ARE INDICATIVE OUTY AND ARE SUBJECT TO CHANGE BASED ON FUTURE PROTECT RECUIREMENTS.	С	07.12.22	ISSUE FOR DA	WL	RL	LANDS
	LV 29/2 CHIFLEY PLAZA,	LV 1/241 COMMONWEALTH STREET,							1
9411 3279	SYDNEY, NSW 2010 PH. (02) 9231 8679	SURRY HILLS, NSW 2010 PH. (02) 8045 2600							
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CULTIVATION

METHODOLOGY OF AS 3743.

HORIZON B - GARDEN BEDS ON SLAB

ALL GARDEN BEDS TO BE CULTIVATED TO A MIN DEPTH OF 150MM AND TREE PITS TO THE DEPTH OF THE ROOT BALL ONLY. IF ADDITIVES SUCH AS GYPSUM ARE REQUIRED CONDUCT THIS AFTER CULTIVATION INTO THE TOP 100MM OF SOIL

THIS SPECIFICATION DESCRIBES THE FORMULATION OF AN OPEN

GRANULAR WELL DRAINED GROWING MEDIA WITH A SATURATED

APPLICATIONS, INCLUDING GREEN ROOFS WITH AN EXPECTATION OF LONGEVITY. IT IS A TOPSOIL FORMULATION TO BE USED IN THE

SURFACE 300MM OF ALL ON-SLAB INSTALLATIONS INCLUDING

PLANTER BOXES, CONTAINERS AND GARDEN BEDS, IN ORDER TO MAINTAIN STRUCTURE AND POROSITY OVER EXTENDED

PERIODS, AND TO AVOID SLUMPING AND VOLUME LOSS OVER

TIME, THE FORMULATION MUST EMPLOY LOW DENSITY MINERAL

COMPONENTS SUCH AS ASH, PERLITE, SCORIA, PUMICE AND DIATOMACEOUS EARTH, OR ARTIFICIAL COMPONENTS SUCH AS

UREA FORMALDEHYDE AND STYROFOAM. PHYSICALLY THE MEDIA PROPERTIES OF A POTTING MEDIA AND IS ASSESSED USING THE

DENSITY OF LESS THAN 2400 KG/M3 (2.4KG/L) FOR USE IN ON-SLAB

#### PLANTING

ALL PLANTING TO BE GROWN TO NATSPEC SPECIFICATIONS. CONTRACTOR TO PREPARE SITE FOR PLANTING INCLUDING WATERING, HANDLING, SETTING OUT AND EXCAVATION. EXCAVATE A HOLE FOR EACH PLANT LARGE ENOUGH TO PROVIDE NOT LESS THAN 100MM ALL AROUND THE ROOT SYSTEM OF THE PLANT. FOR TREE PLANTING EACH HOLE SHALL BE DUG WITH A SHOVEL, BACKHOE OR SIMILAR TOOL. INDIVIDUAL HOLES SHALL BE EXCAVATED TO ALLOW ROOT SYSTEM TO SIT FLAT ON THE EXCAVATED HOLE AND 400MM TO EACH SIDE OF THE ROOT SYSTEM. BACKFILL PLANTING HOLES WITH EXISTING SITE SOIL AND TOPSOIL AS DESCRIBED IN SECTION 'SOIL', PLANT / TREE SHALL BE SET PLUMB, WITH THE ROOT BALL SET SLIGHTLY BELOW THE FINAL SOIL LEVEL.

#### MULCHING

THE LANDSCAPE CONTRACTOR SHALL SUPPLY AND INSTALL 10MM PINE BARK MULCH TO ALL GARDEN BEDS SHOWN ON THE LANDSCAPE PLANS, TO A MINIMUM DEPTH OF 75MM. ALL MULCH IS TO BE FREE OF DELETERIOUS MATTER SUCH AS SOIL. WEEDS AND STICKS. MULCHED SURFACES ARE TO BE KEPT CLEAN AND TIDY AND FREE OF ANY DELETERIOUS MATERIAL AND FOREIGN MATTER. REINSTATE DEPTHS TO A UNIFORM LEVEL OF 75MM WITH MULCH AS SPECIFIED, MULCH TO BE FREE OF ANY WOOD MATERIAL IMPREGNATED WITH CCA OR SIMILAR TOXIC TREATMENT. MAINTAIN WATERING RINGS AROUND TREES. TOP UP MULCH LEVELS PRIOR TO HANDOVER TO CLIENT.

#### TURFING

THE LANDSCAPE CONTRACTOR SHALL SUPPLY AND INSTALL SAPPHIRE BUFFALO TURF IN STRETCHER PATTERN TO ALL TURF AREAS SHOWN ON THE LANDSCAPE PLANS AND IS TO FINISH FLUSH WITH ADJACENT SURFACES. TURF TO BE A MIN THICKNESS OF 50MM WITH A 40MM MOWING HEIGHT. CONTRACTOR TO ALLOW FOR FERTILISING, LAYING, TAMPING, WATERING, TOP DRESSING MAINTENANCE AND MOWING. THE LANDSCAPE CONTRACTOR SHALL SUPPLY AND INSTALL TURF UNDERLAY UNDER ALL TURF AREAS CONSISTING OF 100MM THICK LAYER OF SCREENED TOP SOIL.

### PEST AND DISEASE CONTROL

THE LANDSCAPE CONTRACTOR SHALL SPRAY FOR PESTS AND DISEASE INFESTATIONS WHEN THE PEST AND FUNGAL ATTACK HAS BEEN POSITIVELY IDENTIFIED AND WHEN THEIR POPULATIONS HAVE INCREASED TO A POINT THAT WILL BECOME DETRIMENTAL TO PLANT GROWTH. APPLY ALL PESTICIDES TO MANUFACTURER'S DIRECTIONS. FREQUENCY: WEEKLY INSPECTION

#### FERTILISING

PELLETS SHALL BE IN THE FORM INTENDED TO UNIFORMLY RELEASE PLANT FOOD ELEMENTS FOR A PERIOD OF APPROXIMATELY NINE MONTHS EQUAL TO SHIRLEYS KOKEI PELLETS, ANALYSIS 6.3:1.8:2.9 OR SIMILAR APPROVED, KOKEI PELLETS SHALL BE PLACED AT THE TIME OF PLANTING TO THE BASE OF THE PLANT, 50MM MINIMUM FROM THE ROOT BALL AT A RATE OF TWO PELLETS PER 300MM OF TOP GROWTH TO A MAXIMUM OF 8 PELLETS PER TREE. GENERALLY CHECK FOR SIGNS OF NUTRIENT DEFICIENCIES (YELLOWING OF LEAVES, FAILURE TO THRIVE), AND ADAPT FERTILISER REGIME TO SUIT. FERTILISER SHOULD BE APPLIED AT THE BEGINNING AND THE END OF THE (SUMMER) GROWING SEASON.

	DATE	JOB NUMBER	DRAWN	CHECKED	DRAWING NO.			
SCAPE DETAILS	07-DEC-22	20210520	WL	RL	LDA-401			
	PROJECT							
	4 DELMAR PARADE & 812 PITTWATER ROAD DEE WHY, NSW 2099							
	SCALE				REV			