

# GROUND iNK

LANDSCAPE ARCHITECTS

SAMUEL GILBERT PUBLIC SCHOOL  
RIDGECROP DR, CASTLE HILL NSW 2154

## LANDSCAPE MANAGEMENT PLAN

### DOCUMENT STATUS

ISSUE	DESCRIPTION	SIGNATURE	DATE
REV.A	FOR APPROVAL	MC	23.02.22



# TABLE OF CONTENTS

1.	BACKGROUND.....	PAGE 3
2.	OPERATIONAL LANDSCAPE PLAN.....	PAGE 4
3.	SOFTSCAPE METHODOLOGY.....	PAGE 5
4.	MAINTENANCE OF ENVIRONMENTAL FACTORS.....	PAGE 8
5.	HARDSCAPE METHODOLOGY.....	PAGE 9

This Operational Landscape Management Plan to manage the re-vegetation and landscaping for the site of Samuel Gilbert Public School has been prepared to meet the requirements of SSD Development Condition D31 & D32 as listed below:

D31. Prior to the commencement of operation, the Applicant must prepare an Operational Landscape Management Plan to manage the revegetation and landscaping on-site, to the satisfaction of the Certifying Authority. The plan must:

- (a) describe the ongoing monitoring and maintenance measures to manage revegetation and landscaping; and
- (b) be consistent with the Applicant's Management and Mitigation Measures at Section 7 of EIS and Section 5 of RtS;

D32. The Applicant must not commence operation until the Operational Landscape Management Plan is submitted to the Certifying Authority.

## Background

The project is located at Samuel Gilbert Public School, Ridgecrop Dr, Castle Hill NSW and involves upgrades to existing landscape works and the incorporation of new play spaces and garden beds associated with the new building works. This Landscape Management Plan relates to the ongoing Operation and Management of the associated revegetation and landscaping for the School following construction, highlighting the tasks required, who is responsible and what are the time frames that the service is working to.

The landscaping works to the School redevelopment have been carried out in accordance with the approved landscaping plans in collaboration with the broader design team and the User Group whilst being generally consistent with the design principles of the previous stamped SSD landscape documentation.

The approved landscape documentation is listed below:

LCC-000 COVER SHEET

LCC-101 LANDSCAPE SCHEDULES

LCC-102 EXISTING TREE SCHEDULE

LCC-201 MASTER PLAN

LCC-202 EXISTING TREE PLAN

LCC-301 LANDSCAPE PLAN 1

LCC-302 LANDSCAPE PLAN 2

LCC-303 LANDSCAPE PLAN 3

LCC-304 LANDSCAPE PLAN 4

LCC-305 LANDSCAPE PLAN 5

LCC-306 LANDSCAPE PLAN 6

LCC-307 LANDSCAPE PLAN 7

LCC-308 LANDSCAPE PLAN 8

LCC-309 LANDSCAPE PLAN 9

LCC-310 LANDSCAPE PLAN 10

LCC-401 LANDSCAPE SECTIONS 1

LCC-402 LANDSCAPE SECTIONS 2

LCC-403 LANDSCAPE SECTIONS 3

LCC-404 LANDSCAPE SECTIONS 4

LCC-405 LANDSCAPE SECTIONS 5

LCC-501 LANDSCAPE DETAILS 1

LCC-502 LANDSCAPE DETAILS 2

LCC-503 LANDSCAPE DETAILS 3

LCC-504 LANDSCAPE DETAILS 4

LCC-505 LANDSCAPE DETAILS 5

LCC-506 LANDSCAPE DETAILS 6



## Operational Landscape Management Plan

The relevant areas pertaining to this Operational Landscape Management Plan refer to the revegetation and planting areas for the Samuel Gilbert Public School project. Detailed below is the approved landscape planting schedule detailing the plant growth size, native/exotic to the local area, quantity within the site and the pot size procured:

Code	Botanical Name	Common Name	STIF	Mature Height	Install	Centres	Quantity
<b>TREES</b>							
ACA DEC	<i>Acacia decurrens</i>	Black Wattle	✓	10m	300mm	As Shown	4
ACA PAR	<i>Acacia parramattensis</i>	Parramatta Wattle	✓	15m	300mm	As Shown	5
ACE AUT	<i>Acer 'Autumn Blaze'</i>	Freeman Maple		10m	100L	As Shown	2
ANG COS	<i>Angophora costata</i>	Smooth-barked Apple	✓	20m	100L	As Shown	6
COR FIC	<i>Corymbia 'Wildfire'</i>	Flowering Gum	✓	6m	100L	As Shown	3
COR SNO	<i>Corymbia 'Snowflake'</i>	Flowering Gum	✓	6m	100L	As Shown	2
ELA RET	<i>Elaeocarpus reticulatus</i>	Blueberry Ash	✓	12m	75L	As Shown	5
EUC PUN	<i>Eucalyptus punctata</i>	Grey Gum	✓	30m	100L	As Shown	9
FRA RAY	<i>Fraxinus 'Raywood'</i>	Claret Ash		12m	200L	As Shown	8
MAG GRA	<i>Magnolia 'Emmott'</i>	Bull Bay Magnolia		20m	200L	As Shown	1
SYN GLO	<i>Syncarpia glomulifera</i>	Turpentine	✓	35m	100L	As Shown	10
<b>TOTAL TREES</b>							<b>55</b>
<b>SHRUBS</b>							
ACA FLO	<i>Acacia floribunda</i>	Sally Wattle	✓	6m	300mm	As Shown	10
ACA LIM	<i>Acacia 'Lime Magik'</i>	River Wattle		8m	400mm	As Shown	2
ACA LON	<i>Acacia longifolia var. longifolia</i>	Sydney Golden Wattle	✓	8m	300mm	As Shown	10
DIL RET	<i>Dillwynia retorta</i>	Eggs and Bacon	✓	3m	200mm	As Shown	10
HAK SER	<i>Hakea sericea</i>	Silky Hakea	✓	7m	200mm	As Shown	10
LEP TRI	<i>Leptospermum trinervium</i>	Flaky-barked Tea-tree	✓	2m	200mm	As Shown	10
PIM LIN	<i>Pimelea linifolia subsp. linifolia</i>	Slender Rice Flower	✓	1.5m	200mm	As Shown	65
OZO DIO	<i>Ozothamnus 'Radiance'</i>	White Dogwood		1.5m	300mm	As Shown	16
KAN JOH	<i>Xanthorrhoea johnsonii</i>	Grass Tree		3m	400mm	As Shown	3
<b>GRASSES, GROUNDCOVERS &amp; VINES</b>							
ACA MIN	<i>Acacia 'Mini Cog'</i>	Mini Cog		0.7m	200mm	As Shown	60
ADE SIL	<i>Adenanthos 'Silver Lining'</i>	Silver Lining		0.8m	200mm	As Shown	44
ANI AMB	<i>Anigozanthos 'Amber Velvet'</i>	Amber Velvet		0.8m	140mm	As Shown	61
ANI GOL	<i>Anigozanthos 'Gold Velvet'</i>	Gold Velvet		0.8m	140mm	As Shown	61
ANI RUB	<i>Anigozanthos 'Ruby Velvet'</i>	Ruby Velvet		0.8m	140mm	As Shown	61
ART TEP	<i>Arthropodium 'Te Puna'</i>	Te Puna		0.5m	200mm	As Shown	67
CAR AUS	<i>Carpobrotus 'Aussie Rambler'</i>	Aussie Rambler		0.2m	140mm	As Shown	242
CAS COU	<i>Casuarina 'Cousin It'</i>	Cousin It		0.3m	200mm	As Shown	91
CHR DES	<i>Chryscephalum 'Desert Flame'</i>	Desert Flame		0.3m	140mm	As Shown	206
CLE ARI	<i>Clamatis aristata</i>	Old Man's Beard	✓	0.5m	140mm	As Shown	65
DIA LIT	<i>Dianella 'Little Jess'</i>	Little Jess		0.4m	140mm	As Shown	302
DIA EME	<i>Dianella 'Emerald Arch'</i>	Emerald Arch		0.4m	140mm	As Shown	15
DIA LON	<i>Dianella longifolia</i>	Flax Lily	✓	1m	140mm	As Shown	65
ERE BLU	<i>Eremophila 'Blue Horizon'</i>	Blue Horizon		0.25m	200mm	As Shown	94
GAR RAD	<i>Gardenia 'Radicans'</i>	Radicans		0.3m	200mm	As Shown	30
GOO HED	<i>Goodenia hederacea</i>	Wry-leaved Goodenia	✓	0.8m	140mm	As Shown	65
GRE CHE	<i>Grevillea 'Cherry Cluster'</i>	Cherry Cluster		0.5m	200mm	As Shown	199
GRE GOL	<i>Grevillea 'Gold Cluster'</i>	Gold Cluster		0.3m	200mm	As Shown	199
HAR MEE	<i>Hardenbergia 'Meema'</i>	Meema		0.5m	200mm	As Shown	134
HAR MIN	<i>Hardenbergia 'Mini Meema'</i>	Mini Meema		0.3m	140mm	As Shown	324
HAR VID	<i>Hardenbergia violacea</i>	False Sansaparilla	✓	1m	140mm	As Shown	65
LIR ISA	<i>Liriope 'Isabella'</i>	Isabella		0.4m	140mm	As Shown	205
LOM KAT	<i>Lomandra 'Katrinus Deluxe'</i>	Katrinus Deluxe		1m	140mm	As Shown	382
LOM LON	<i>Lomandra longifolia</i>	Spiky-headed Mat-Rush	✓	1m	140mm	As Shown	65
LOM TAN	<i>Lomandra 'Tanika'</i>	Tanika		0.8m	140mm	As Shown	599
MYO PAR	<i>Myoporum 'Yareana'</i>	Creeping Boobialla		0.3m	140mm	As Shown	422
PEN NAF	<i>Pennisetum 'Nafray'</i>	Nafray		0.8m	200mm	As Shown	250
PEN PUR	<i>Pennisetum 'Purple Lea'</i>	Purple Lea		0.8m	200mm	As Shown	129
POA LAB	<i>Poa labillardieri</i>	Tussock Grass	✓	1m	140mm	As Shown	65
RHA SPI	<i>Rhagodia 'Aussie Flat Bush'</i>	Aussie Flat Bush		0.5m	140mm	As Shown	250
ROS PRO	<i>Rosmarinus 'Prostratus'</i>	Prostrate Rosemary		0.5m	200mm	As Shown	5
SCA PUR	<i>Scaevola 'Purple Fusion'</i>	Purple Fusion		0.4m	140mm	As Shown	51
SCA RAM	<i>Scaevola ramosissima</i>	Purple Fan Flower	✓	0.3m	140mm	As Shown	65
STA BYZ	<i>Stachys byzantina</i>	Lamb's Ears		0.3m	140mm	As Shown	7
TRA TRI	<i>Trachelospermum 'Tricolor'</i>	Tricolor		0.4m	200mm	As Shown	24
WES LOW	<i>Westringia 'Low Horizon'</i>	Low Horizon		0.5m	140mm	As Shown	439

## Softscape Methodology

The following methodology highlights the measures and management schedules for the revegetation and planting areas for Samuel Gilbert Public School to be undertaken by the Landscape Contractor. Ongoing maintenance and management of these plants will be undertaken by an external Landscaping Contractor generally in accordance with the items detailed below as well as additional works as required as identified during routine inspections. The Contractor is to keep a log book recording when and what maintenance work has been done and what materials, including toxic materials that have been used. The log book should be made available for inspection upon request.

### Fertilising:

The intent is to replenish the soil with fertiliser appropriate for all planting species and garden beds across site to ensure plants have the required amount of nutrients to flourish. Fertiliser is to be applied as per the manufacturers specification during August (end of winter) and in March (beginning of Autumn), 6 months apart to ensure plants have time to replenish and flourish between applications. This will be completed as part of the maintenance program by the Landscape Contractor.

### Herbicide & Pesticide Application:

The landscape management requires herbicide and pesticide to be applied to all plants to ensure no unwanted weeds or pests develop within the garden beds and on the plants themselves. The purpose of this process is monitor the continued health of plants and to prevent the on set of weeds that may impact the ability for the plant to establish and survive long term. Weeding is to occur around the base of the trees and planted areas at intervals outlined by the Landscape Contractor. All weeds, debris, clippings, etc. shall be removed off site as soon as possible by the Landscape Contractor. Herbicide, similar to the fertilising application is to be applied only as per the manufacturer's specification during both August and March, 6 Months apart to allow the plant material to flourish where possible.

In relation to Pesticide this aims to respond to all occurrences of insect attack, pests or disease amongst the plant material to ensure the plant is not hindered in growth or visual impact. Pesticide application is to be applied only as per the manufacturer's specification during Spring however plants are to be continually monitored during other inspections and work time frames to ensure no diseases are become present.

### Horticultural Work & Inspection:

The purpose for Horticultural work is to undertake inspections of all plants within garden beds and tree planting. These inspections aim to monitor plant health, tree stakes, hedging, weed control, litter collection, pruning and damage due to vandalism to all plant stock. In relation to pruning work shall be implemented to maintain dense foliage and encourage suitable growth habits. Any branches overhanging, obstructing pathways and roads shall be removed as directed by the Construction manager. Tree & shrubs might required pruning to provide clear sightline for teacher supervising as per CPTED principles.

Monitoring of plants is required to ensure all plants are showing signs of good health and vigour. In regards to vandalism and replacements, all plants that have failed, been damaged or stolen and mulch that has been removed or eroded during the Defects Liability Period due to inadequate or incorrect maintenance and supervision by the Landscape Contractor, are to be replaced at the Landscape Contractors own expense. Plants lost due to vandalism or theft during the Maintenance Period, beyond the control of the Landscape Contractor, are to be replaced at the Client's expense. The Landscape Contractor shall be responsible for theft, vandalism and wilful damage up to the date of the Defect's Warranty Period as per the maintenance contract

The general horticultural work and inspection is to be undertaken twice a month throughout the year to ensure that each of the tasks highlighted above are ongoing in order for plants to flourish and the design intent of the documentation to be maintained



## Mulching:

The intent is to ensure that garden beds are installed with 75mm depth of mulch as specified in the landscape documentation to retain moisture in soil, maintain soil temperature and suppress weeds where required. The landscape management for mulching also includes reinstating mulch to the depths as specified where subsided or reduced in the garden bed and irrigation pipes are exposed.

## Tree Inspection:

Tree inspection forms are to be completed once a month to review the health and vigour of all tree species located across the site. These ensure that trees are constantly monitored for any diseases and other elements that may hinder the overall growth habit and health. In addition to this, allow the Contractor to review if any tree replacements are required in accordance with the maintenance schedule. In addition to this, tree audits should be undertaken by a qualified Arborist longer term to review tree health and ensure all specimens are free from dead limbs that may become susceptible to limb drop and other risks.

## Typical Tree Inspection Form:

### General

Date	Reference
Purchaser	
Supplier	Inspected by (supplier/purchaser/agent)
Species	Batch identification

Labelling	Yes/No
Health and vigour	Yes/No
Freedom from pests/disease	Yes/No
Freedom from injury	Yes/No
Self-supporting	Yes/No
Stem taper	Yes/No
Pruning	Yes/No
Apical dominance	Yes/No
Crown symmetry	Yes/No
Included bank	Yes/No
Trunk position	Yes/No
Compatibility of graft unions	Yes/No
Indication of north	Yes/No

### Conformance with specification

Conforming	Yes/No
Comments	

### Balance

Balance	Yes/No
---------	--------

## Landscape Softscape Maintenance Schedule

TASK DESCRIPTION	FREQUENCY: 0-6 MONTHS	FREQUENCY: 6-12 MONTHS
TREES		
VISUAL INSPECTION OF ALL TREES	FORTNIGHTLY IN SUMMER/ MONTHLY IN WINTER	MONTHLY IN SUMMER/ ONCE IN WINTER
MANUALLY INSPECT WATER LEVELS TO TREES	FORTNIGHTLY IN SUMMER/ MONTHLY IN WINTER	MONTHLY IN SUMMER/ ONCE IN WINTER
INSPECT DAMAGE TO TREES	FORTNIGHTLY IN SUMMER/ MONTHLY IN WINTER	MONTHLY IN SUMMER/ ONCE IN WINTER
REPLACE ANY TAPING TO TREES	FORTNIGHTLY IN SUMMER/ MONTHLY IN WINTER	MONTHLY IN SUMMER/ ONCE IN WINTER
PRUNE DEAD OR DAMAGED BRANCHES	FORTNIGHTLY IN SUMMER/ MONTHLY IN WINTER	MONTHLY IN SUMMER/ ONCE IN WINTER
CHECK FOR AND REPORT PESTS & DISEASES	FORTNIGHTLY	MONTHLY
REPLACE FAILED OR DAMAGED TREES	FORTNIGHTLY AS REQUIRED	MONTHLY AS REQUIRED
SPRAY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS	AS REQUIRED	AS REQUIRED
ADJUST & OR REPLACE STAKES & TIES WHERE NECESSARY	AS REQUIRED	AS REQUIRED
TURF		
MOW ALL TURF AREAS TO MAINTAIN HEIGHT BETWEEN 25-35MM	WEEKLY IN SUMMER/ MONTHLY IN WINTER	FORTNIGHTLY IN SUMMER/ EVERY 2 MONTHS IN WINTER
TRIM EDGES OF ALL TURF AREAS	WEEKLY IN SUMMER/ MONTHLY IN WINTER	FORTNIGHTLY IN SUMMER/ EVERY 2 MONTHS IN WINTER
REMOVE CLIPPINGS FROM SITE	WEEKLY IN SUMMER/ MONTHLY IN WINTER	FORTNIGHTLY IN SUMMER/ EVERY 2 MONTHS IN WINTER
REMOVE LITTER & DEBRIS FROM TURF AREAS	WEEKLY IN SUMMER/ MONTHLY IN WINTER	FORTNIGHTLY IN SUMMER/ EVERY 2 MONTHS IN WINTER
CHECK FOR AND REPORT PESTS & DISEASES	FORTNIGHTLY	MONTHLY
SPRAY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS	AS REQUIRED	AS REQUIRED
MONITOR AND APPLY FERTILISER TO TURF AREAS	6 MONTH INTERVALS - AUTUMN/SPRING	YEARLY - SPRING
MULCH		
REMOVE LITTER & DEBRIS FROM MULCH AREAS	FORTNIGHTLY	MONTHLY
REMOVE WEED GROWTH IN MULCH AREAS	FORTNIGHTLY	MONTHLY
TOP UP MULCH LEVELS	ANNUALLY	ANNUALLY
PLANTS		
CHECK FOR AND REPORT PESTS & DISEASES	FORTNIGHTLY	MONTHLY
SPRAY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS	FORTNIGHTLY	MONTHLY
PRUNE DAMAGED OR DEAD BRANCHES	FORTNIGHTLY	MONTHLY
REMOVE WEED GROWTH IN PLANT AREAS	FORTNIGHTLY	MONTHLY
REPLACE FAILED OR DAMAGED PLANTS	FORTNIGHTLY AS REQUIRED	MONTHLY AS REQUIRED
ADJUST OR REPLACE STAKES AND TIES WHERE NECESSARY	FORTNIGHTLY AS REQUIRED	MONTHLY AS REQUIRED
GENERAL WATERING TO ALL STREET TREES		
IRRIGATION BY WATER CART OR HOSECOCK AS REQUIRED TO MAINTAIN PLANT VIGOR	WEEKLY FIRST 6 MONTHS, FORTNIGHTLY THEREAFTER DEPENDENT ON RAINFALL	MONTHLY DEPENDENT ON RAINFALL CONDITIONS
URGENT WORKS		
REPORT ANY THEFT, DAMAGE OR VANDALISM	WEEKLY	AS REQUIRED

## Maintenance of Environmental Factors

In response to the Environment Management Guidelines for Construction, measures have been put in place to mitigate any greater impacts to the surrounding environment, flora and fauna. All plant stock has been selected carefully to respond to the requirements for the school and that respond to the existing ecological community. Both native planting and planting indigenous to the local area have been selected to minimise the effects of invasive species, exotics and pests on the local ecological community.

In addition to this, the continued management of environmental factors is critical through the operational and maintenance periods to ensure there is no disturbance to the local ecological community. The contractor under the operational and maintenance contract is to be across all statutory obligations relating to activities, products and services that may pose risks to the environment. These risks include any form of pollution or impact to the air, water and land environments of the site or any adjoining sites, as well as any adverse effects of waste management.





## Hardscape Methodology

The following methodology highlights the measures and management schedules for the hardscapes of across the site of Samuel Gilbert Public School. The hardscape scope includes but is not limited to seating, synthetic turf, softfall, play/fitness equipment, and other elements. The schedule below captures the full material schedule which is also located in drawing LCC-101 LANDSCAPE SCHEDULES. These materials are listed below;

	Description	Dimensions (L x W x D)	Finish	Colour	Supplier	Indicative Quantities
B1	STURT BENCH SQUARE	1808 X 420 X 570 MM	POWDER COATED WITH COMPOSITE SLATS	TBC	MOS URBAN	
B2	STURT PICNIC SET SQUARE	1850 X 720 X 1806MM	POWDER COATED WITH COMPOSITE SLATS	TBC	MOS URBAN	
B3	CUSTOM BENCH TOP	3520 X 50 X 570MM	POWDER COATED WITH COMPOSITE SLATS	TBC	MOS URBAN	
B4	CUSTOM ROUND PLATFORM	1500 X 450MM	POWDER COATED WITH COMPOSITE SLATS	TBC	MOS URBAN	
E1	ALUMINIUM EDGING	75MM	ALUMINIUM	-	LINKEDGE	
E2	BRICK EDGING	-	SALVAGED SCHOOL BRICK EDGING	-	TO ENGINEER'S DETAILS	
F1	SECURE LINE FENCING	-	TO MATCH EXISTING	GREEN	-	
F2	1200MM FLAT TOP FENCING	-	TO ARCHITECT'S DETAIL	-	-	
G1	2400MM SECURE LINE GATE	-	TO MATCH EXISTING	GREEN	-	
G1	2400MM SECURE SWING GATE	-	TO MATCH EXISTING	GREEN	-	
G1	2400MM SECURE DOUBLE GATE	-	TO MATCH EXISTING	GREEN	-	
G2	1200MM FLAT TOP GATE	-	TO ARCHITECT'S DETAIL	-	-	
G2	1200MM FLAT TOP DOUBLE GATE	-	TO ARCHITECT'S DETAIL	-	-	
HB1	HANDBALL COURT SURFACE	AS SHOWN	CCS STYLEPAVE APPLIED SURFACE TREATMENT	TBC	CONCRETE COLOUR SYSTEMS	
P2	IN-SITU CONCRETE	-	COLOURED CONCRETE FLOAT FINISH	CCS PEWTER	CONCRETE COLOUR SYSTEMS	
P3	COLOURED CONCRETE	-	COLOURED CONCRETE FLOAT FINISH	CCS SUNDANCE	CONCRETE COLOUR SYSTEMS	
P4	RESIN BOUND GRAVEL	20MM THICK	BEACH RUBBER	BEACH	STONE SET	
P5	NEPEAN RIVER GRAVEL	20MM THICK	RIVER GRAVEL	-	ANL	
S1	SANDSTONE BLOCKS	1500 X 500 X 500 MM	GRADE A SANDTONE BLOCKS	-	GOSFORD QUARRIES	
S2	SANDSTONE BLOCKS	500 X 500 X 500 MM	GRADE A SANDSTONE BLOCKS	-	GOSFORD QUARRIES	
SF1	COLOURED SOFTFALL 1	AS SHOWN	1-4MM ROSEHILL TPV INPLAY	RH30, RH50	SURFACE DESIGNS	
SF2	COLOURED SOFTFALL 2	AS SHOWN	1-4MM ROSEHILL TPV INPLAY	RH30, RH32, RH40	SURFACE DESIGNS	
SF3	COLOURED SOFTFALL 3	AS SHOWN	1-4MM ROSEHILL TPV INPLAY	RH01, RH02	SURFACE DESIGNS	
SF4	COLOURED SOFTFALL 4	AS SHOWN	1-4MM ROSEHILL TPV INPLAY	RH31, RH30	SURFACE DESIGNS	
SP	SANDPIT	AS SHOWN	SYDNEY SAND	-	ANL	
ST	SYNTHETIC TURF	40MM PILE	40MM SUMMER PRESTIGE	-	FIELD TURF AUSTRALIA	
UM1	3M NOVA UMBRELLA	3000 X 3000 X 2930MM	GALVANISED STEEL	BLACK	OUTDOOR ELEGANCE	
UM2	5M NOVA UMBRELLA	5000 X 5000 X 3250MM	GALVANISED STEEL	BLACK	OUTDOOR ELEGANCE	
W1	SALVAGED BRICK WALL	230 X 110 X 76MM	STANDARD BRICK TBC	BRICK	MIDLAND BRICKS	
PE1	TIMBER LOG STEPS	AS SHOWN	SALVAGED TIMBER LOGS			
PE2	TIMBER PULL UP ROPE	AS SHOWN	SALVAGED TIMBER LOGS & ROPE			
PE3	SLIDE	2700 X 4369 X 1000MM	STAINLESS STEEL	-	PLAYGROUND CENTRE	
PE4	SOFTFALL MOUND	AS SHOWN	SYNTHETIC TURF AS SPECIFIED		-	
PE5	BOULDERING HOLDS	VARIOUS		VARIOUS	UNCARVED BLOCK	
PE6	BALANCE BEAM LOG	-	SALVAGED TIMBER LOGS			
PE7	TIMBER LOG ON MOUND	-	SALVAGED TIMBER LOGS		-	
PE8	TIMBER STEPPERS IN MOUND	-	SALVAGED TIMBER LOGS		-	
PE9	THE HERO TABLE TENNIS	2740 X 1525 X 760MM	WELDED STEEL	TBC	POPP	
PE10	SANDSTONE STEPPING STONES	500 X 500 X 300MM	SANDSTONE STEPPING STONES	-	GOSFORD QUARRIES	

## Landscape Hardscape Maintenance Schedule

The below table generically details the schedule for the maintenance of all landscape hardscape items to be carried out. The items below correspond directly to the Landscape Material Schedule for the project and highlights the frequency of inspection for each material categories the Contractors, Certifiers and other services are expected to undertake the task.

TASK DESCRIPTION	FREQUENCY: 0-6 MONTHS	FREQUENCY: 6-12 MONTHS
<b>CONCRETE PAVEMENTS</b>		
VISUAL INSPECTION OF ALL PAVEMENTS FOR DAMAGE, CRACKS OR CHIPS	FORTNIGHTLY	MONTHLY
VISUAL INSPECTION OF ALL PAVEMENTS FOR EFFLORESCENCE (SALT DEPOSITS)	FORTNIGHTLY	MONTHLY
VISUAL INSPECTION OF ALL PAVEMENTS FOR COLOUR CONSISTENCY AND STAINS	AS REQUIRED	AS REQUIRED
LEAF AND DEBRIS CLEARANCE WITH BLOWER	MONTHLY	QUARTERLY
<b>PAVED SURFACES</b>		
VISUAL INSPECTION OF ALL PAVING FOR DAMAGE, CRACKS OR STAINS	FORTNIGHTLY	MONTHLY
VISUAL INSPECTION OF ALL PAVING FOR LIFTING OF SUB BASE	FORTNIGHTLY	MONTHLY
VISUAL INSPECTION OF ALL PAVING FOR MORTAR DAMAGE / RE-POINTING	FORTNIGHTLY	MONTHLY
CLEAN IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND WARRANTIES	AS REQUIRED	AS REQUIRED
REPLACE FAILED OR DAMAGED PAVING AND RESIN BOUND GRAVELS	AS REQUIRED	AS REQUIRED
<b>SOFT FALL SURFACES</b>		
VISUAL INSPECTION OF ALL RUBBER SOFT FALL FOR DAMAGE, CRACKS, JOINT SEPERATION OR STAINS	FORTNIGHTLY	MONTHLY
VISUAL INSPECTION OF ALL RUBBER SOFT FALL FOR LIFTING OF SUB BASE AND WEARING COURSE	FORTNIGHTLY	MONTHLY
VISUAL INSPECTION OF ALL RUBBER SOFT FALL FOR COLOUR FADE	FORTNIGHTLY	MONTHLY
CLEAN AND REPAIR IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND WARRANTIES	AS REQUIRED	AS REQUIRED
<b>SHELTER &amp; PLAY EQUIPMENT</b>		
INSPECT, MAINTAIN & REPAIR ALL DEFECTS TO ALL PLAY EQUIPMENT IN ACCORDANCE TO THE MANUFACTURER'S RECOMMENDATIONS AND WARRANTIES	MONTHLY AS REQUIRED	QUARTERLY
CLEAN IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS AND WARRANTIES	AS REQUIRED	AS REQUIRED
ALLOW FOR RE-APPLICATION OF TIMBER EXTERIOR PAINT OR OIL BASED STAIN EVERY TWO YEARS WHERE TIMBER IS USED	AS REQUIRED	2 YEARS
<b>FURNITURE</b>		
INSPECT, MAINTAIN & REPAIR ALL FURNITURE ELEMENTS IN ACCORDANCE TO THE MANUFACTURERS RECOMMENDATIONS AND WARRANTIES	MONTHLY AS REQUIRED	MONTHLY AS REQUIRED
ALLOW FOR RE-APPLICATION OF TIMBER EXTERIOR PAINT OR OIL BASED STAIN EVERY TWO YEARS WHERE TIMBER IS USED	MONTHLY AS REQUIRED	2 YEARS
<b>DRAINAGE</b>		
REPLACE FAILED OR DAMAGED SURFACE DRAINS OR GRATES	AS REQUIRED	AS REQUIRED
REPLACE FAILED OR DAMAGED SUB SURFACE DRAINS OR OUTLETS	AS REQUIRED	AS REQUIRED
REMOVE ALL LEAF AND DEBRIS FROM FIELD GULLIES & SURFACE DRAINS	MONTHLY	QUARTERLY
CLEAR AWAY ALL LEAF AND DEBRIS WITH BLOWER	MONTHLY	QUARTERLY
<b>IRRIGATION (IF REQUIRED)</b>		
INSPECT, MAINTAIN & REPAIR ALL DEFECTS TO LINES & EMITTERS	MONTHLY AS REQUIRED	QUARTERLY
INSPECTION OF WATER STORAGE TANKS	BI-ANNUALLY	ANNUALLY AS REQUIRED
INSPECTION & SERVICE OF IRRIGATION PUMP AND UV FILTER	MONTHLY	QUARTERLY
INSPECTION & SERVICE OF IRRIGATION CONTROL PANEL	MONTHLY	QUARTERLY
<b>URGENT WORKS</b>		
REPORT ANY THEFT, DAMAGE OR VANDALISM	WEEKLY	AS REQUIRED





# GROUND iNK

LANDSCAPE ARCHITECTS

Suite 201, 75 Archer Street, Chatswood, NSW 2067 Australia

Phone: + 61 (02) 9411 3279

[Admin@groundink.com.au](mailto:Admin@groundink.com.au)

[www.groundink.com.au](http://www.groundink.com.au)