



Timber play platforms

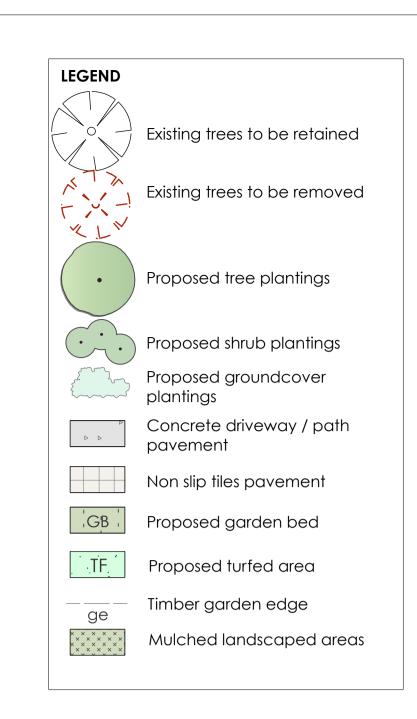


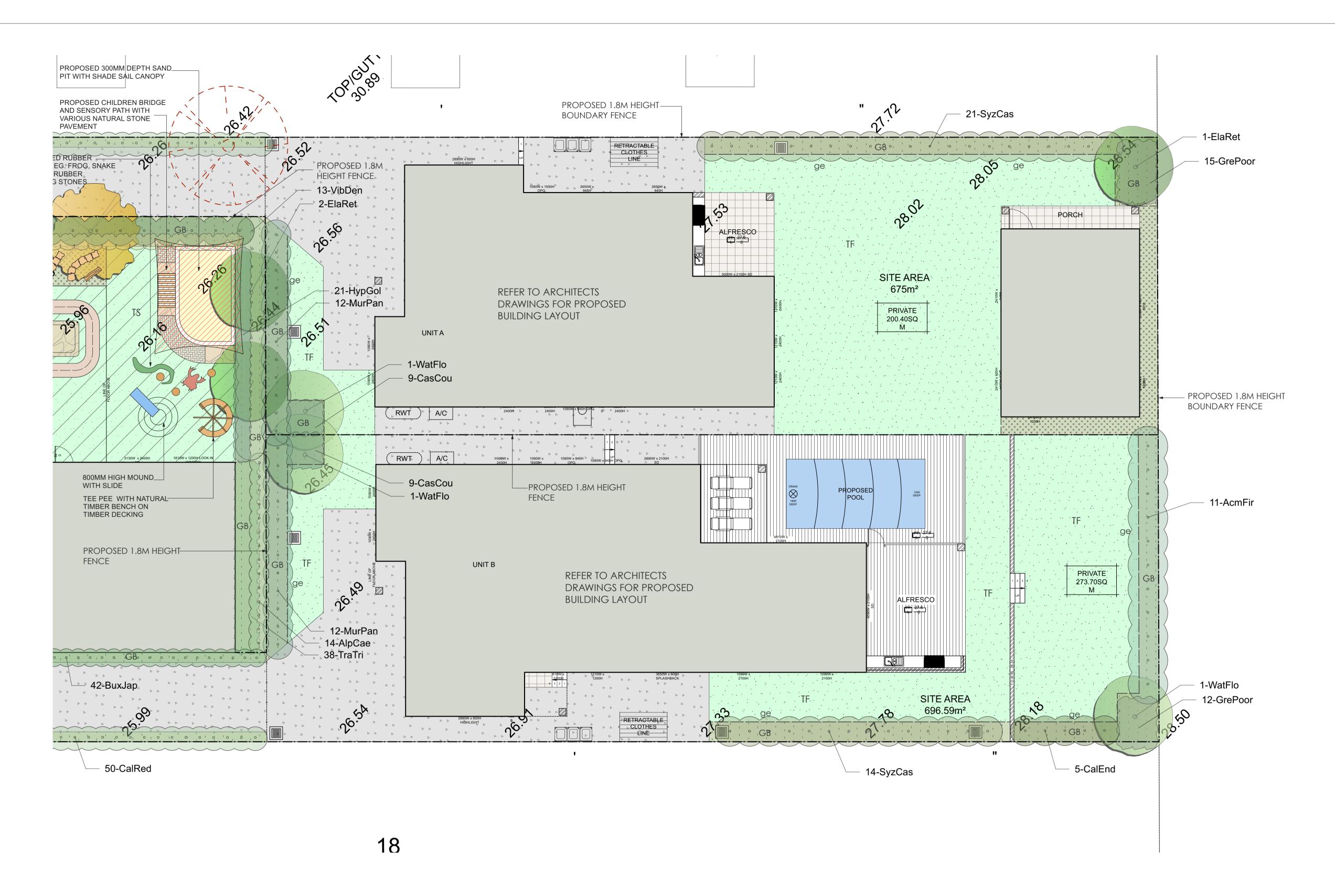
Raised timber platform with feature seat



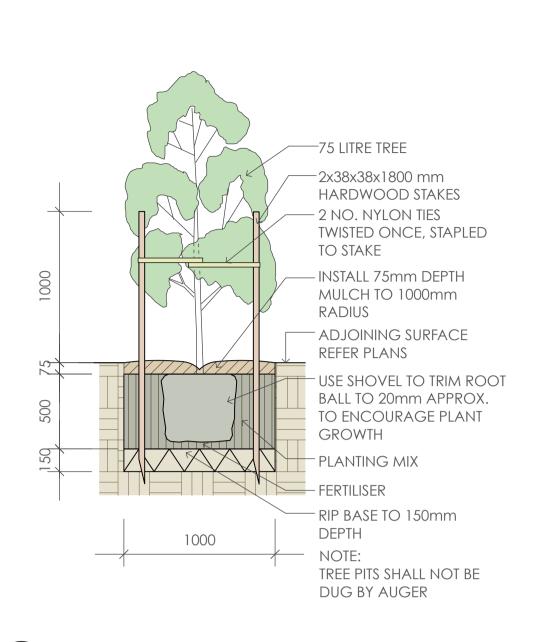
Raised vegetable planters

GENERAL NOTES:  1. Do not scale of drawings. Follow written dimensions. If in doubt obtain written				PREPARED FOR:	PREPARED BY:		PROJECT:	Landscape Plan - Childcare Centre	DATE: MARCH 2022
advice from the Superintendent.  2. Verify all dimensions on site.			GD	MATZOCO CONSTRUCTION		Greenland Design Pty Ltd ABN 73 139 152 855 Registered Landsc. Architect: Bao Ly	PROPOSED DEVELOPMENT	First Floor	SCALE: 1:100 ISSUE: A
<ul> <li>3. Refer to legend for all symbol and code keys.</li> <li>4. Read in conjunction with the specifications</li> </ul>	FOR DA	CL 01.03.22	DRAWN:	PTY LTD	GREENLAND DESIGN	PO Box 3228 Wetherill Park NSW 2164   T: 0403 164 198 E: gd@greenlanddesign.com.au	PROJECT ADDRESS:		DRAWING NO:
Read in conjunction with all associated drawings  ISSI		DRAWN DATE					NO. 21-23 BROUGHTON STREET CONDELL PARK	0 1 2 5m	2527.GD.02



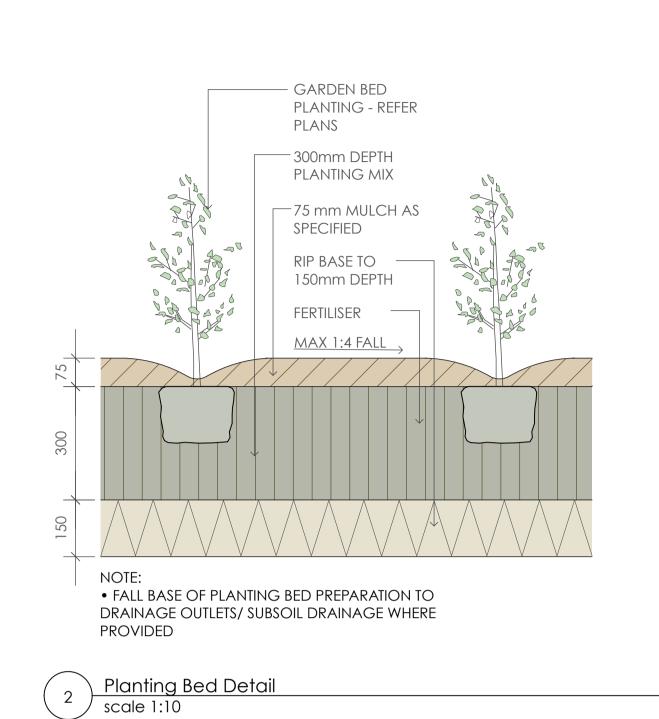


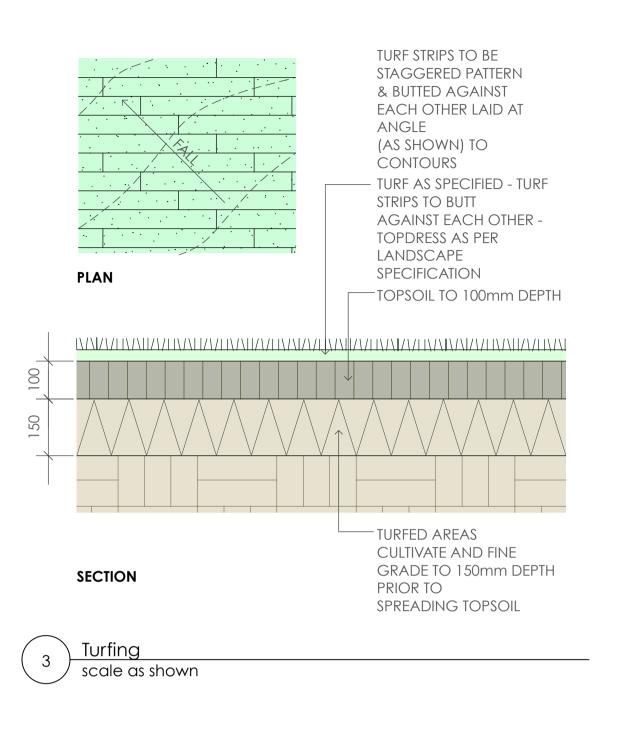


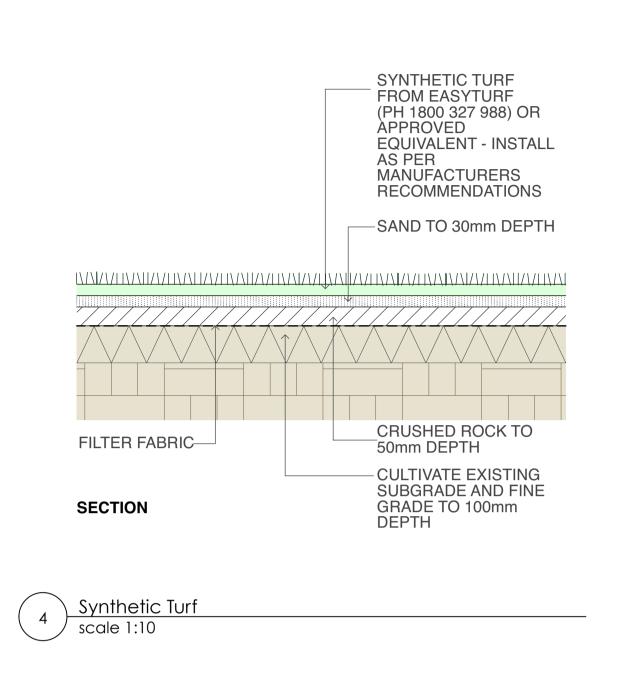


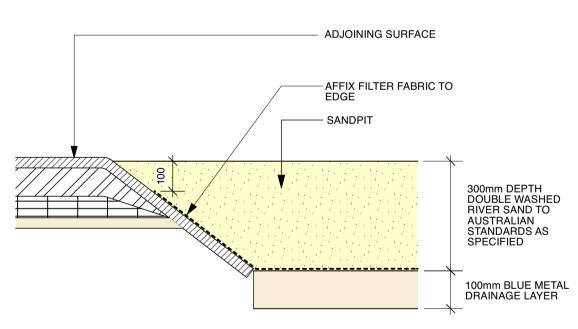
75 Litre Tree Planting

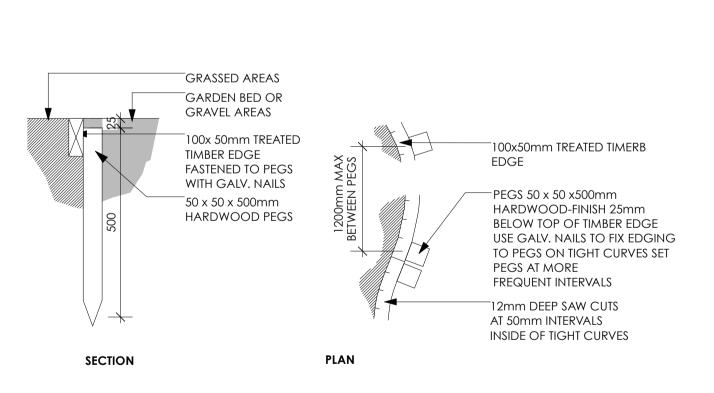
scale 1:25

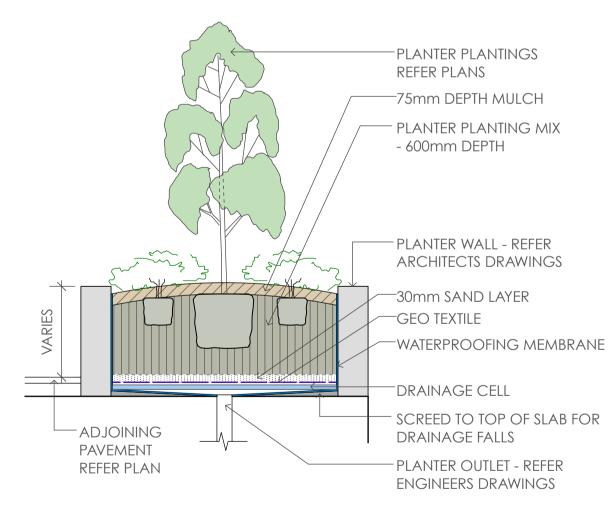


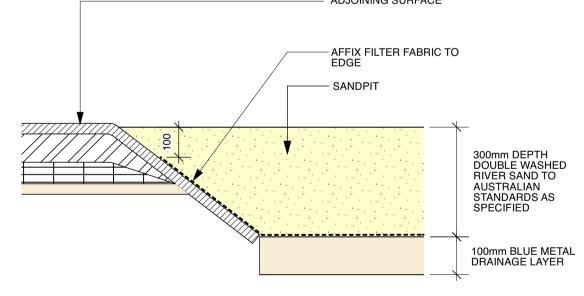








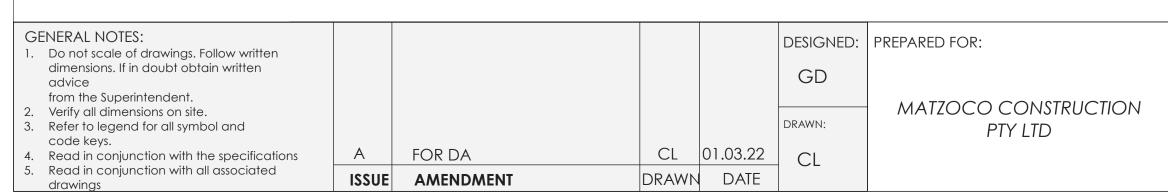








5	Sand Pit scale 1:10			





PROJECT:		DRAWING TITLE:	DATE: <b>MARCH 2022</b>			
Ly	PROPOSED DEVELOPMENT	Landscape Details	SCALE: varies FULL SIZE: A 1			
·4 –	PROJECT ADDRESS: NO. 21-23 BROUGHTON STREET CONDELL PARK		DRAWING NO: <b>2527.GD.04</b>			

Plant Sche	edule						
ID Qty Commo		Common Name	Botanical Name	Size	Mature Height	Mature Spread	Native (N)
Trees							
ElaRet	3	Blueberry Ash	Elaeocarpus reticulatus	75Litre	8 - 10m	3 - 4m	N
GloFer	2	Cheese Tree	Glochidion ferdinandi	75Litre	8 - 15m	5 - 10m	N
HymFla	2	Native Frangipani	Hymenosporum flavum	75Litre	8 - 12m	5 - 6m	N
LagNat	3	Crepe Myrtle	Lagerstroemia indica 'Natchez'	75Litre	6 - 8m	3.5 - 6m	
WatFlo	3	Weeping Lilly Pilly	Waterhousia floribunda	75Litre	10 - 15m	6 - 10m	N
Shrubs							
AcmFir	11	Fire Screen Lilly Pilly	Acmena smithii 'Fire Screen'	200mm	2 - 4m	1 - 1.5m	N
AlpCae	14	Native Ginger	Alpinia caerulea	200mm	0.9 - 1.5m	0.9 - 1.2m	N
BanGia	14	Giant Candle	Banksia 'Giant Candle'	200mm	3.0 - 4.0m 2.0 - 2.5m		N
BuxJap	70	Japanese Box	Buxus microphylla var japonica	200mm	1 - 2m	0.8 - 1.0m	
CalEnd	5	Scarlet Bottlebrush	Callistemon citrinus 'Endevour'	200mm	3 - 5m	2.0 - 3.5m	N
CalRed	102	Red Alert Bottle Brush	Callistemon 'Red Alert'	200mm	1.0 - 1.5m	2.0 - 3.0m	N
MurPan	24	Orange Jessamine	Murraya paniculata	200mm	2.0 - 3.0m	2.0 - 3.0m	
PitMis	43	Miss Muffet	Pittosporum tobira 'Miss Muffet'	200mm	1 - 1.5m	0.8 - 1m	
SyzCas	57	Cascade Lilly Pilly	Syzygium 'Cascade'	200mm	2 - 3m	1.5 - 2.0m	N
VibDen	23	Dense Fence Viburnum	Viburnum odoratissmum 'Dense Fence'	200mm	2 - 3m	1.5 - 2.0m	
<b>Ground C</b>	overs						
CasCou	18	Cousin It	Casuarina 'Cousin It'	1 <i>5</i> 0mm	0.10 - 0.15m	0.8 - 1.0m	N
HypGol	53	Gold Nuget	Hymenosporum flavum 'Gold Nuget'	1 <i>5</i> 0mm	0.10 - 0.15m	0.8 - 1.0m	N
LomTan	45	Spiny-headed mat rush	Lomandra longifolia 'Tanika'	1 <i>5</i> 0mm	0.45 - 0.6m	0.6 - 0.9m	N
AltRub	47	Litle Ruby	Alternanthera 'Little Ruby'	1 <i>5</i> 0mm	0.3 - 0.4m	0.6 - 0.9m	
TraJas	46	Star Jasmine	Trachelospermum jasminoides	1 <i>5</i> 0mm	0.3 - 0.6m	1 - 4m	
DicRep	19	Dichondra 'Silver Falls'	falls' Dichondra repens 'Silver Falls'		0.2 - 0.5m	0.6 - 0.8m	
GrePoor	27	Royal Mantle Grevillea Grevillea 'Poorinda Royal Mantle'		1 <i>5</i> 0mm	0 - 0.1m	2.0 - 3.0m	N
TraTri	38	Tricolour Star Jasmine	asmine Trachelospermum 'Tricolour'		0.3 - 0.6m	1 - 4m	
BraMul	23 Break O Day Brachyscome multifida		1 <i>5</i> 0mm	0.2 - 0.3m	0.4 - 0.5m	N	



GREENLAND DESIGN												
TWELVE MONTHS MAINTENANCE SCHEDULE	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Plant Care												
Monitoring												
Pruning as required												
Deadhead /tip pruning												
Slow release fertilise												
Rapid suluble fertilise as required												
Cut back perenials and grasses												
Watering as required												
Garden Bed												
Edging												
Remove weeds and herbicide spraying as required												
Top up mulch as required												
Dead foliage removal												
Pest Management												
Monitoring and herbicide spraying as required												
Turfed Area												
Fertilise												
Make good turf as required												
Winter clean up												
Remove dead foliage and pruning as required												

### SPECIFICATION NOTES PLANTING MATERIALS

## Planting Mix:

- Planting mix for tree pit backfill shall be "Organic Garden Mix" consisting of
- 50% Black Soil
- 20% Coarse Sand
- 30% Organic Material as available from Australian Native Landscapes, Phone: [02] 9450 1444, or approved equivalent. Samples shall be provided to the Superintendent prior to ordering or delivery to site. Any material delivered to site, that is rejected by the Superintendent, shall be removed by the contractor at his own expense. Minimum depths of mix to all planting bed areas is as specified on details.

### Light Weight Planter Mix:

Planter mix shall be the Hills Lightweight planter mix as supplied by The Hills Bark Blower Pty Ltd (ph (02) 9654 2288 or approved equivalent. Install as per manufacturers recommondations.

#### Planter Drainage Cell:

Planter drainage cell shall be VersiCell as supplied by Elmich Australia Pty Ltd (ph (02) 9648 2073 or approved equivalent. Mulch:

### Mulch to garden bed:

Mulch shall mean hardwood mulch (25mm grade), free from material derived from Privet, Willow, Poplar, Coral trees, or other noxious weeds. Any mulch exceeding the 25mm grade shall be rejected / removed from the site. Graded hardwood mulch to be supplied by Australian Native Landscapes Pty Ltd Phone (02) 9450 1444, or approved equivalent.

## Mulch to planter beds:

Mulch to planter beds shall be Pine bark mini nuggets mulch (25mm grade), free from fines and as available from Australian Native Landscapes Pty Ltd Phone (02) 9450 1444, or approved equivalent.

#### Spread mulch so that after settling, it is:

- smooth and evenly graded between design surface levels;
- flush with adjacent finished levels;
- of the required depths (75mm); and
- sloped towards the base of plant stems in plantation beds, but not in contact with the stem (not closer than 50mm in the case of gravel mulches).

#### Place after the preparation of the planting bed, planting and all other work. Plant Material:

All plant material must be true to the species. No substitutes will be allowed. All plants shall be free of fungus and insect damage. All plants shall be healthy, well shaped, not soft or force grown and not root bound.

Plants are available from **Andreasens Green** wholesale nursery, contact Darren (02) 8777 4713, email darren@andreasensgreen.com.au or approved equivalent. Turfed areas:

All new turfed areas are to be selected weed free Soft Leaf Buffalo. Turf shall be laid neatly butted with staggered joins, flush with adjacent surfaces and have even running falls to all drainage points.

All new turfed area shall have a minimum 150mm depth of weed free top soil, placed and levelled prior to turfing.

# PREPARATION AND HARDWORKS

# Excavating for Spot Planting

To planting areas, excavate a hole for each plant large enough to provide not less than twice the depth and twice the diameter than the root ball of species to be

# Staking

Use durable hardwood, straight, free from knots or twists, pointed at one end. Drive stakes into the ground a minimum one third of their length, avoiding damage to the root system.

• 75 Litre trees in 2 x 38x38x1800mm Hardwood Stake with double Nylon tie TIES: Provide a 50mm wide Nylon webbing tie per stake, fixed securely to the stakes, one tie at half the height of the main stem and the other as necessary to stabilise the

# **Timber Edge**

MATERIAL: Timber edging shall consist of: Edging: 100 x 50mm hardwood

Peas:  $50 \times 50 \times 400$ mm hardwood.

Fastenings: to be 75x3.75mm diam. galvanised nails INSTALLATION: Setout alignment of timber edges on site for approval of Superintendent. Excavate to approved alignment and place edge band within

trench to confirm peg locations. Install pegs and affix timber edge in accordance with details. All timber edging to finish flush with adjoining turf.

## MAINTENANCE NOTES - SAND PIT

Sandpits rely largely on sunlight and aeration to maintain a level of hygiene. Regular turning over of the sand, cleaning and replacement will be required

Sand Pit Cleaning • Cover the sandpit with a shade cloth when it is not in use. This will prevent other materials from falling into the play area.

• Keep the sandpit dry as a moist sandpit will become a breeding ground for insects. Ensure good drainage is provided within the sandpit.

• Rake the sand daily. This aerates the sand. Also, pick up any rubbish that has ended up there.

• Don't let children eat while playing in the sandpit. Don't let pets go into the sandpit.

• Wash the sandpit with water, detergent and/or disinfectant in water if a child wets or dirties himself or herself while in the sandpit. Let the sandpit dry thoroughly before allowing children to step back inside.

#### Have Regular Sandpit Maintenance

The sandpit should be thoroughly washed every few weeks to ensure that is clean and that dirty water can be drained out easily. Sand replacement may be necessary when it gets too dirty to be washed.

Sandpit safety should be taken seriously. Begin the safety exercise by using only pure double washed river purposely supplied for sand pit. Once the sandpit has been built, ensure that it is always clean and dry as well as have regular sandpit maintenance.

## MAINTENANCE / PLANT ESTABLISHMENT

Maintenance shall apply to all hard and soft landscape materials installed prior to the "handover" and acceptance by Principles Representative and the Site Superintendent. The maintenance period shall convenience at the granting of practical completion and shall extend for 12 months.

### Maintenance shall consist of the following works:

- Follow a daily watering programme to be approved by Superintendent. Water all plants individually, twice per week or when necessary to ensure constant plant growth. Water all planted areas, twice per week.
- Apply appropriate weed control sprays and hand weed as required to maintain planting areas, paved areas free of weed or rogue grass growth. - Regularly tidy and top up mulch and trim edges to prevent spill over onto paved /
- grassed areas.

#### - Spray to control pests and diseases.

- Replace plants, which fail with plants of a similar size and quality as originally specified to approval of Superintendent. Costs of replacement shall be the responsibility of the Contractor. Replacement planting will be undertaken within 2 weeks of identification of dead material or instruction be the Superintendent. - Report any incidence of plants stolen or destroyed by vandalism.
- Adjust stakes and ties to plants as necessary. Ensure that strangulation of plants does not occur.
- Prune and shape plants as directed or where necessary.
- Make good any defects or faults arising out of defective workmanship or materials. - Make good any erosion or soil subsidence, which may occur including soft areas in
- A final inspection shall be made by the Superintendent before handover. Any items requiring rectification shall be repaired before the works are finally approved, and retention moneys released.

# NOTE:

- All finished levels are to be verified by Contractor on site.

and engineering drawing where applicable.

- All landscape works be in strict accordance with Council's landscape code and guidelines - This plan to be used in conjunction with all other submitted architectural, hydraulics

## **IRRIGATION SYSTEM AND REQUIREMENTS**

### **DESCRIPTION OF WORKS**

The scope of works in this section comprises the design and specification (for comment by Superintendent), supply, and installation of fully automated commercial drip irrigation system to all landscaped areas and to Councils requirements.

The general location and extent of the areas to be irrigated is as shown on plans and includes:

i. Garden bed areas to be irrigated by "Techline" dripline at 750mm intervals, capable of delivering 20mm / week.

ii. Turfed areas to be irrigated by "Uniram" dripline at 500mm intervals, capable of delivering 30mm / week.

The Contractor shall provide shop drawings and materials and equipment specifications for comment by the Superintendent. Notwithstanding comments on the irrigation design being provided by the Superintendent responsibility for the technical design, operation and adequacy of performance of the irrigation system will remain with the Contractor.

The irrigation works shall include all mechanical, hydraulic requirements to the performances required and includes but is not limited to the following:

- Design of dripline irrigation system and related hydraulic / electrical works for
- approval by the relevant authorities and for comment by the Superintendent.
- Attainment of all relevant authority approvals and inspections.
- Connection to water service
- Construction and testing of new irrigation pipework
- Instruction of operators.
- Maintenance of continuity of use, repair and/or replacement of utility services affected by the installation of the irrigation system.
- Excavation, shoring, dewatering and backfilling in all classes of material.
- Modification of existing structures commissioning of all works constructed under this project.
- All other works necessary for the required performance of the irrigation
- Excavation & backfill
- Maintenance period of 12 months.
- A minimum warranty period of 12 months for parts and labour on pumps, control system components and irrigation components.
- Visit site once a month during the warranty period to check the and monitor performance of the equipment and operators.

#### FEES PERMITS AND APPROVALS

Service Connection Charges

The Contractor shall be responsible for securing all necessary inspections and approvals. Before commencement of any works on the site the Contractor shall obtain approval from the Superintendent for the works to proceed and submit the necessary notification forms to all authorities having jurisdiction. These shall include but are not limited to the following:

Connection Fees & Inspection Fees -Water Authority Document Inspection Fees Water Authority

The Contractor shall pay all fees, permits, royalties, deposits, and charges and shall produce documentary evidence to the Superintendent upon request.

Water Authority

GENERAL NOTES: Do not scale of drawings. Follow written dimensions. If in doubt obtain written

drawings

from the Superintendent. Verify all dimensions on site. Refer to legend for all symbol and

Read in conjunction with the specifications 5. Read in conjunction with all associated

FOR DA ISSUE AMENDMENT

CL 01.03.22 DRAWN DATE

DESIGNED: PREPARED FOR: GD DRAWN:

CL

MATZOCO CONSTRUCTION PTY LTD



PREPARED BY:

Greenland Design Pty Ltd ABN 73 139 152 855 Registered Landsc. Architect: Bao Ly PO Box 3228 Wetherill Park NSW 2164 PROPOSED DEVELOPMENT

NO. 21-23 BROUGHTON STREET CONDELL PARK

PROJECT:

PROJECT ADDRESS:

DRAWING TITLE:

Landscape Specification

**MARCH 2022** SCALE: varies | ISSUE: FULL SIZE: A 1

DRAWING NO: 2527.GD.05