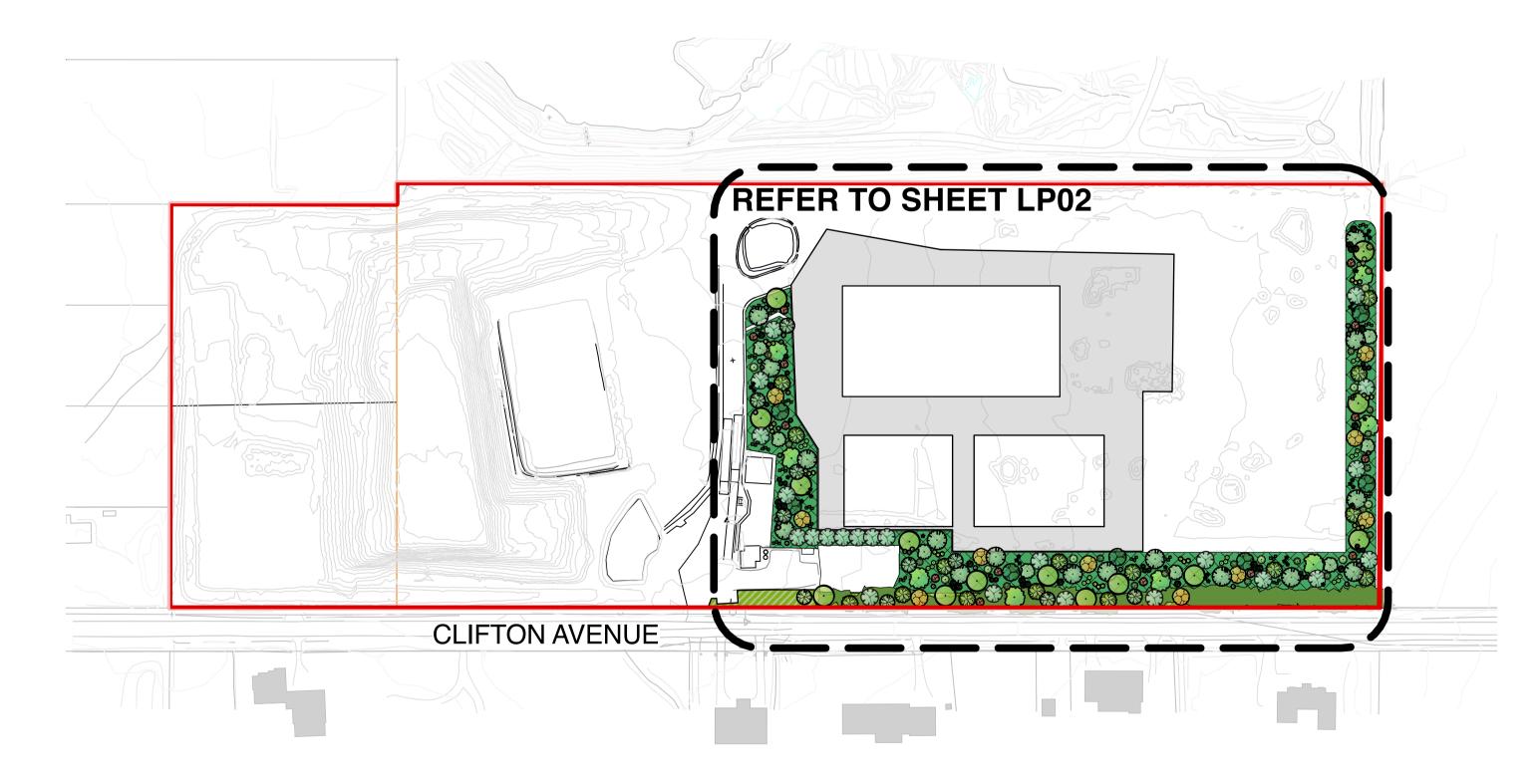


LANDSCAPE CONCEPT PLAN SYDNEY RECYCLING PARK

Lot 230 DP1134106, 16-23 Clifton Avenue, Kemps Creek, NSW

DRAWING SCHEDULE

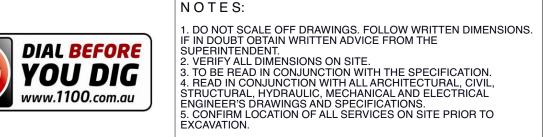
Sheet No.	Sheet Name	Revision	Date
LP00	COVER SHEET	F	13/6/23
LP01	SITE ANALYSIS	F	13/6/23
LP02	LANDSCAPE CONCEPT PLAN	F	13/6/23
LP03	SECTIONS & DETAILS	F	13/6/23
LP04	PLANTING SCHEDULES	F	13/6/23
LP05	SPECIFICATION	F	13/6/23



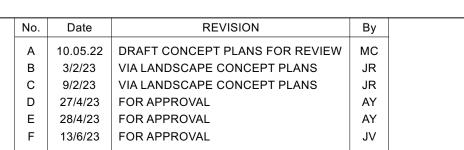
SYDNEY RECYCLING PLANT DEVELOPMENT AND LOCATION PLAN scale NTS (source: SIX Maps APRIL 2022)







SITE PLAN scale 1:1750 @ A1



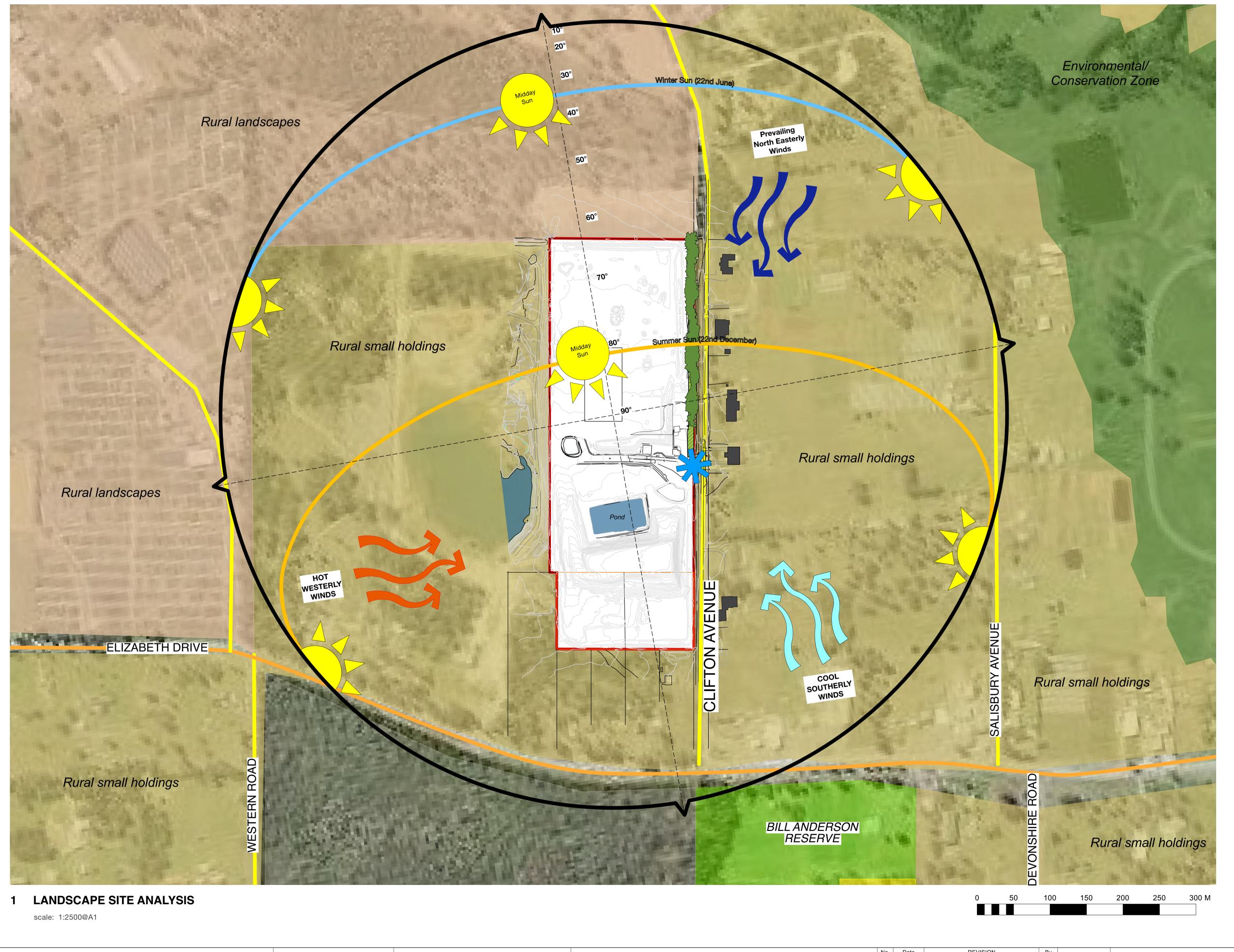
Sydney Recycling Park

16-23 Clifton Avenue, Kemps Creek, NSW

COVER SHEET Project No.

2155

FOR APPROVAL Scale: AS SHOWN ORIGINAL DRAWING AT A1. Drawing No. Rev. Drawn By: | MC | JR Approved By: | DM LP00 F Checked By: AR



LEGEND PROPOSED SITE BOUNDARY **EXISTING CONTOURS** WATER BODY PUBLIC RECREATION ENVIRONMENTAL/CONSERVATION ZONE RURAL SMALL HOLDINGS RURAL LANDSCAPE MINOR CONNECTOR ROAD MAJOR CONNECTOR ROAD **ELECTRICITY LINES** SITE ENTRY/EXIT POINT EXISTING BUND WITH LANDSCAPE PLANTING EXISTING CANOPY TREES

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5. CONFIRM LOCATION OF ALL SERVICES ON SITE PRIOR TO EXCAVATION.

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Α	10.05.22	DRAFT LANDSCAPE PLANS FOR REVIEW	МС	
В	3/2/23	VIA LANDSCAPE CONCEPT PLAN	JR	
С	9/2/23	VIA LANDSCAPE CONCEPT PLAN	JR	
D	27/4/23	FOR APPROVAL	AY	
Е	28/4/23	FOR APPROVAL	AY	
F	13/6/23	FOR APPROVAL	JV	

Sydney Recycling Park

16-23 Clifton Avenue, Kemps Creek, NSW

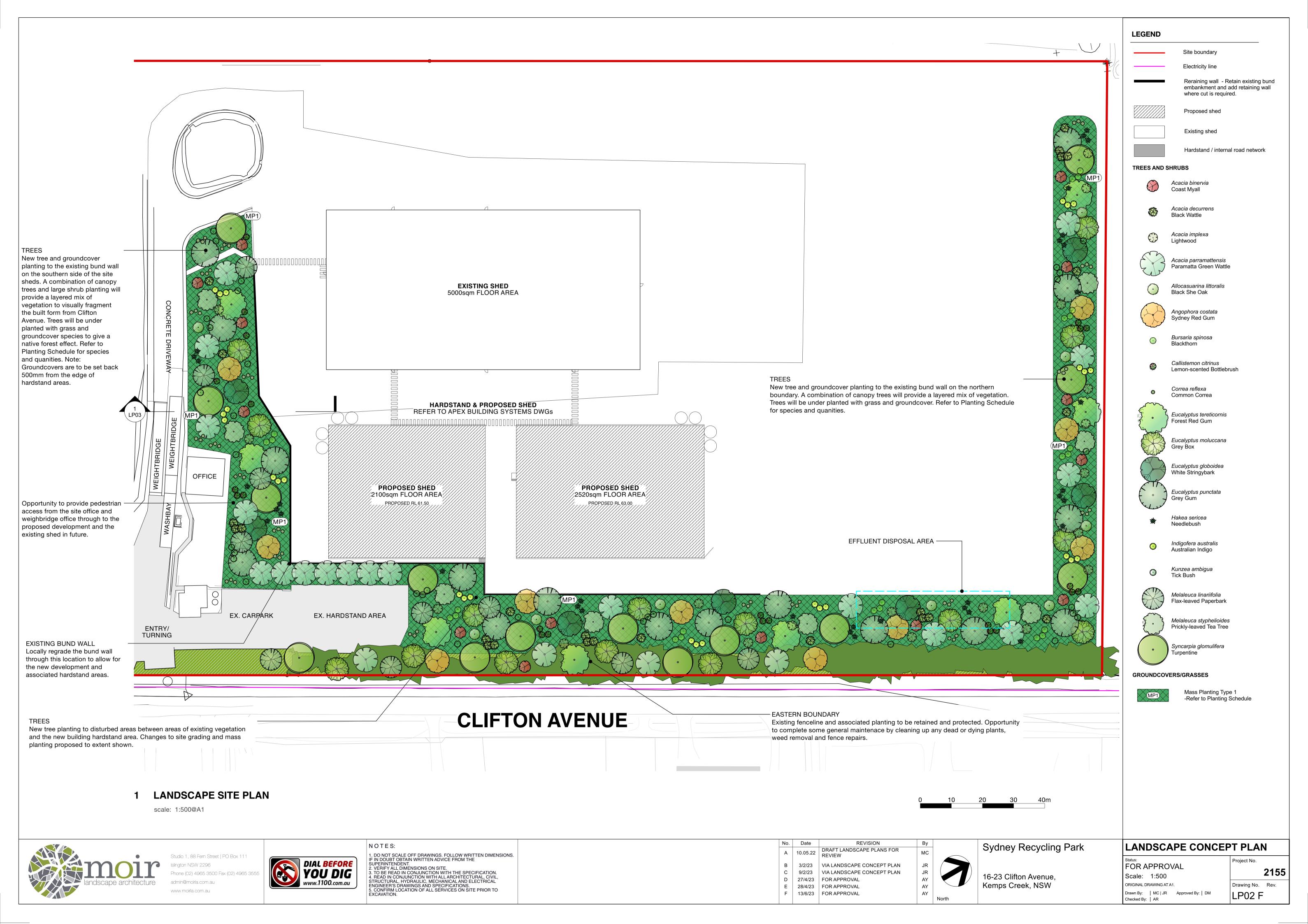
SITE ANALYSIS

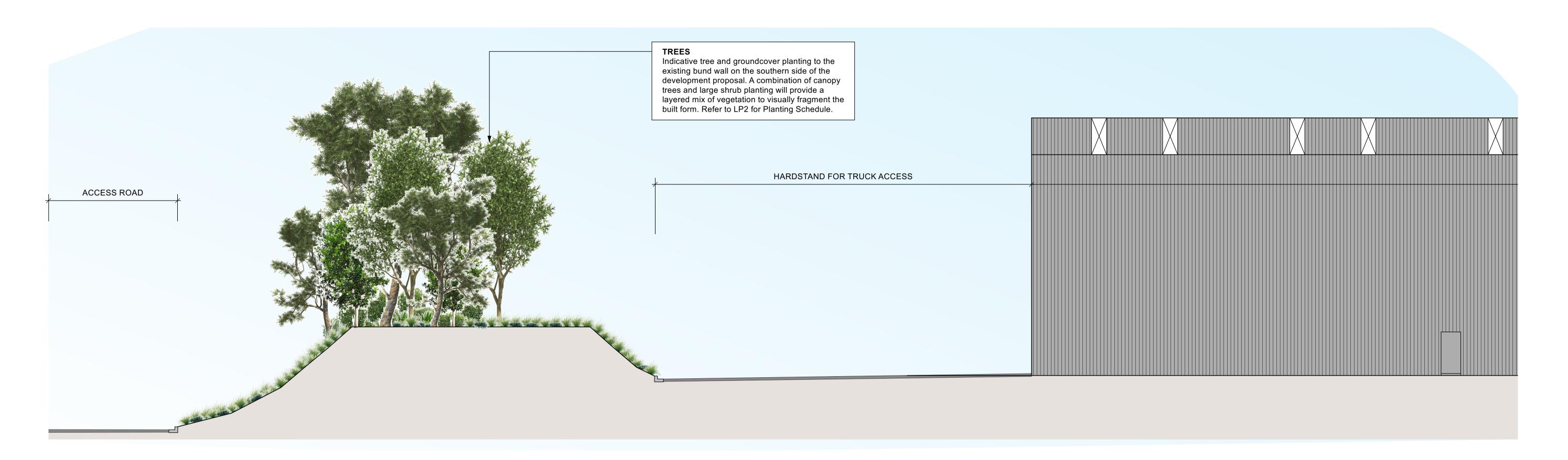
Checked By: AR

Status: FOR APPROVAL Scale: 1:2500 ORIGINAL DRAWING AT A1. Drawn By: | MC | JR Approved By: | DM

2155 Drawing No. Rev. LP01 F

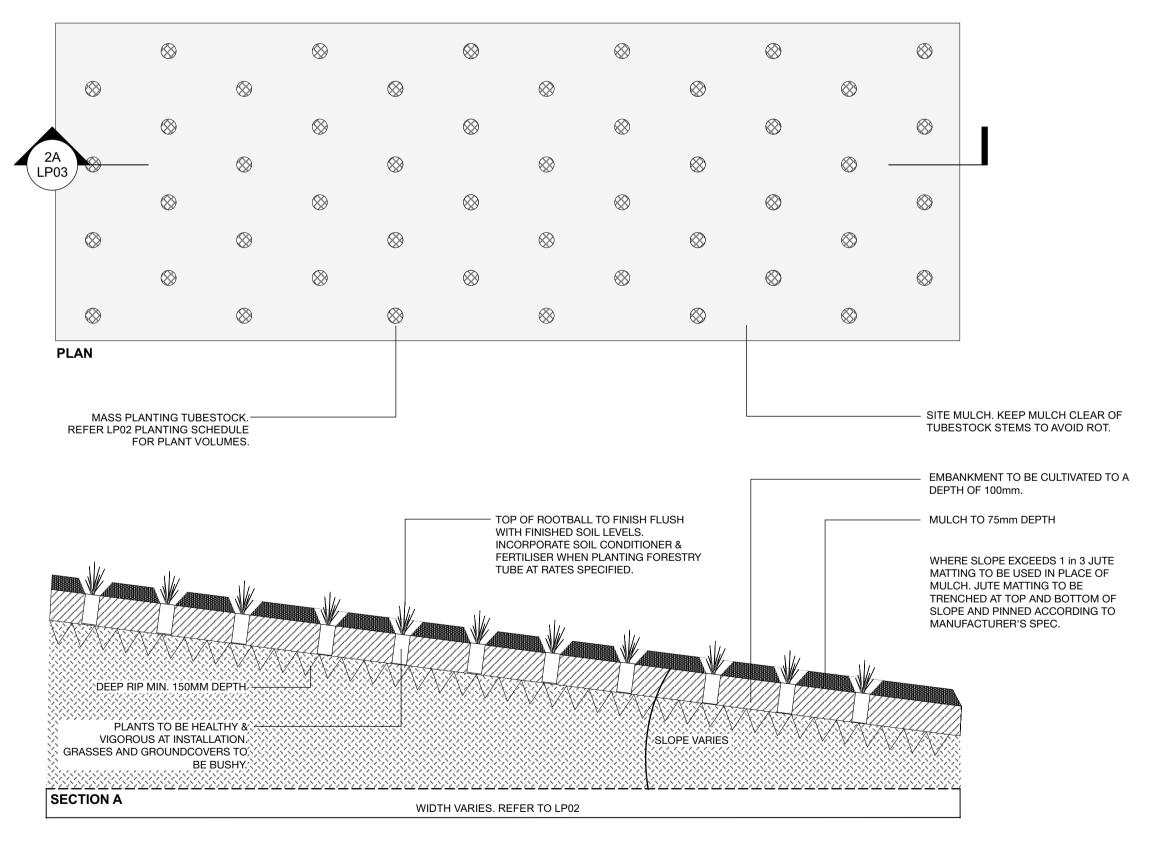
Project No.





1 SECTION: EXAMPLE OF PLANTING TO BUND WALL

scale: 1:1000@A1



2 TYPICAL EMBANKMENT PLANTING DETAIL

scale: 1:25@A1





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Hessian tie to form a loose figure Mulch as specified, no fines. eight around tree stem. Tree to be vigorous and healthy. - Free from insects and disease. Keep clear of trunk to avoid rot. Staple tie to hardwood stakes. All trees to conform to AS2303 see Two hardwood stakes 50x50x2400mm. Hessian tie to form a loose figure specification. Ensure stakes do not damage rootball eight around tree stem. Staple tie to when installed. Mulch as specified. . hardwood stakes. No fines. Keep clear of trunk to Mass planting. avoid rot. Refer to planting schedule. Soil as specified. Two hardwood stakes - 50x50x2400mm. Ensure stakes do not damage rootball when installed. 150mm cultivated subgrade. Soil as specified. Mass planting. 150mm cultivated subgrade. Refer to plan and schedule Crown base of pit.

TYPICAL TREE IN MASS PLANTING DETAIL

scale: 1:20@A1

No.	Date	REVISION	Ву		Sydney Recycling Park	SECTIONS & DETAILS	
Α	10.05.22	DRAFT LANDSCAPE PLANS FOR REVIEW	MC		Cyancy recovering rank		
В	3/2/23	VIA LANDSCAPE CONCEPT PLAN	JR			FOR APPROVAL	Project No.
С	9/2/23	VIA LANDSCAPE CONCEPT PLAN	JR		16 00 Cliffon Avanua	Scale: AS SHOWN	2155
D	27/4/23	FOR APPROVAL	AY		16-23 Clifton Avenue,		
E	28/4/23	FOR APPROVAL	AY		Kemps Creek, NSW	ORIGINAL DRAWING AT A1.	Drawing No. Rev.
F	13/6/23	FOR APPROVAL	JV			Drawn By: MC JR Approved By: DM	LP03 F
				North		Checked By: AR	LIOUI

Indicative Mass Planting Schedule

Code MP1	Botanical Name	Common Name	Pot Size	Mature Heigh	t Mature Spread	Qty Planting Rate
AJU aus CHR api DIA cae DIA rev DIC mic EIN nut ENT str HAR vio LOM lon LOM mul LOM ver POA lab	Ajuga australis Chrysocephalum apiculatum Dianella caerulea Dianella revoluta Dichelachne micrantha Einadia nutans Entolasia stricta Hardenbergia violacea Lomandra longifolia Lomandra longifolia 'Verday' Poa labillardieri	Austral Bugle Yellow Buttons Blue Flax-lily Spreading Flax Lily Shorthair Plumegrass Climbing Saltbush Wiry Panic False Sarsaparilla Spiny-headed Mat-Rush Many-flowered Mat-rush Verday Lomandra Tussock Grass	Tubestock	0.0 - 0.3m 0.0 - 0.3m 0.45 - 0.6m 0.75 - 0.9m 0.9 - 1.5m 0.45 - 0.6m 0.75 - 0.90m 0.8 - 0.9m 0.6 - 0.9m 0.3 - 0.45m 0.5 - 0.6m 0.4 - 0.6m	0.6 - 0.9m 0.3 - 0.6m 0.3 - 0.6m 0.6 - 0.9m 0.0 - 0.3m 0.9 - 1.2m 0.3 - 0.6m 1.2 - 2.0m 0.4 - 0.6m 0.0 - 0.3m 0.5 - 0.6m 0.3 - 0.5m	3754 4 Plants/sq m 3754 4 Plants/sq m 939 2 Plants/sq m 939 2 Plants/sq m 939 2 Plants/sq m 3754 4 Plants/sq m 939 2 Plants/sq m
THE aus VIO hed WAH com	Themeda australis Viola hederacea Wahlenbergia communis	Kangaroo Grass Native Violet Tufted Bluebell	Tubestock Tubestock Tubestock	0.4 - 0.7m 0.0 - 0.3m 0.45 - 0.6m	0.3 - 0.5m 1.2 - 2.0m 0.0 - 0.3m	939 2 Plants/sq m 3754 4 Plants/sq m 3754 4 Plants/sq m

Indicative Planting Schedule

Code Trees	Botanical Name	Common Name	Pot Size	Mature Heigh	t Mature Spread	Qty
	Acceia himania	Coast Muell	200000	F 10m	1.2.2.0	1.1
ACA bin	Acacia binervia	Coast Myall Parramatta Green Wattle	300mm 200mm	5 - 10m 6 - 9m	1.2 - 2.0m 6 - 12m	14 23
ACA par ALL lit	Acacia parramattensis Allocasuarina littoralis	Black She Oak	25 litre	5 - 10m	2.0 - 3.5m	23 9
ALL III ANG cos			25 litre	12 - 15m	8 - 12m	10
EUC glo	Angophora costata Eucalyptus globoidea	Smooth Barked Apple White Stringybark	25 litre	25 - 30m	3.5 - 6m	7
EUC mol	Eucalyptus moluccana	Grey Box	25 litre	15 - 20m	6 - 10m	15
EUC moi	Eucalyptus punctata	Grey Gum	25 litre	25 - 30m	3.5 - 6m	16
EUC ter	Eucalyptus punctata Eucalyptus tereticornis	Forest Red Gum	25 litre	over 30m	6 - 10m	8
MEL lin	Melaleuca linariifolia	Paperbark	25 litre	5 - 10m	6 - 10m	10
MEL sty	Melaleuca styphelioides	Prickly-leaved Paperbark	25 litre	8 - 10m	6 - 8m	8
SYN glo	Syncarpia glomulifera	Turpentine	25 litre	over 30m	6 - 10m	14
STN glo	Syncarpia giornamera	rurpentine	25 1116	over som	0 - 10111	14
Shrubs						
ACA dec	Acacia decurrens	Black Wattle	200mm	10 - 15m	3.5 - 6m	24
ACA imp	Acacia implexa	Lightwood Wattle	200mm	4 - 8m	3 - 5m	19
BUR spi	Bursaria spinosa	Sweet Bursaria	200mm	3 - 4m	1.5 - 2.5m	24
CAL cit	Callistemon citrinus	Lemon-scented Bottlebrush	200mm	1.5 - 3m	1.2 - 2.0m	23
COR ref	Correa reflexa	Native Fuchsia	200mm	0.9 - 1.5m	0.9 - 1.2m	60
HAK ser	Hakea sericea	Needlebush	200mm	1.5 - 3m	0.6 - 0.9m	34
IND aus	Indigofera australis	Australian Indigo	200mm	1.5 - 2m	1.5 - 2.0m	27
KUN amb	Kunzea ambigua	Tick Bush	200mm	1.5 - 3m	1.2 - 2.0m	33

NOTE:

CONTRACTOR IS REQUIRED TO CHECK ALL NUMBERS ON DRAWINGS AND CONFIRM WITH SCHEDULE PRIOR TO ORDERING. NUMBERS ON DRAWINGS TO TAKE PRECEDENT ALONG WITH SQUARE METRE RATES.



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NOTES:

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F	13/6/23	FOR APPROVAL	JV	
				North

Sydney Recycling Park

16-23 Clifton Avenue, Kemps Creek, NSW Status:
FOR APPROVAL
Scale: N/A
ORIGINAL DRAWING AT A1.
Drawn By: | MC | JR Approved By: | DM
Checked By: | AR

PLANTING SCHEDULES

Status:
FOR APPROVAL
Scale: N/A

Project No.

2155

Drawing No. Rev.

North

SPECIFICATION

1.0 GENERAL

1.1 EXISTING SERVICES

Existing services on site include stormwater drainage, water, and associated power service conduits. Locations of all services should be established prior to excavation of planting holes and installation of trees. The drawings DO NOT indicate the extent of existing services. Existing services must be confirmed by the contractor prior to excavation. Do not excavate by machine within 1m of existing underground services without prior approval or identification of service location by the site superintendant.

1.2 PROTECTION OF EXISTING FEATURES

During installation protect all existing trees, shrubs and other specified vegetation, features and improvements, structures and utilities. Protect trees to be retained from damage from groundworks. Take necessary precautions, including the following:

<u>Harmful Materials</u>: Do not store or otherwise place bulk materials and harmful materials under or near trees. Do not place spoil from excavations against tree trunks, even for short periods. Prevent wind blown materials such as cement from harming trees and plants. Damage: prevent damage to tree bark. Do not attach stays, guys and the like to trees.

Work under trees: Do not add or remove topsoil within the drip line, use hand methods such that root systems are preserved intact and undamaged

Open up excavations under tree canopies for as short a period as possible. Roots: Where it is necessary to cut tree roots, use means such that the cutting does not unduly disturb the remaining root system.

Compacted Ground: Avoid compaction of the ground under trees.

1.3 GENERAL HOLD POINTS

During the pre-construction, construction and post construction phases a series of hold & witness points have been laid out to ensure compliance with the specification.

NOTE: Inspections are to be arranged with at least 5 working days notice before the inspection

Hold Point	Completed	Notes:
Pre-ordering of plant stock in accordance with the specification	YES/NO	Inspection required by Landscape Architect.
Certification that trees comply with the Tree Supply Specification from supplying nursery.	YES/NO	Provide 2 weeks lead time. Supply certification to Landscape Architect
Completion of subgrade preparation prior to spreading of any imported soil or ameliorated site soil (in accordance with AS4419-2018)	YES/NO	Delivery dockets, receipts must be provided. Inspection required by Landscape Architect.
Batch Certificates for all imported soil in accordance with AS4419 - 2018. Should site soil be utilised for planting purposes, soil testing must be conducted in accordance with AS4419 - 2018. A copy of the results must be provided to the superintendent, where amelioration of the soil is required, evidence of this application must be communicated and will form a hold point.	YES/NO	Test results to be supplied to Landscape Architect.
Where ameliorated stockpiled soil or site soil is required and utilised for planting purposes in accordance with AS4419-2018, evidence of associated amelioration measures must be provided	YES/NO	Test results, delivery dockets, receipts must be provided. Inspection required by Landscape Architect.
Evidence of certification of all associated imported topsoil for street tree planting in accordance with AS4419- 2018.	YES/NO	Delivery dockets, receipts must be provided to Landscape Architect.
Completion of nominated soil spreading, mulching, associated proprietary products and beginning of planting in accordance with the landscape specifications.	YES/NO	Inspection and sign off required by landscape architect.
Tree delivery prior to installation and certification that trees comply with AS2303- 2018 Tree Stock for Landscape Use.	YES/NO	Inspection and sign off requiredby landscape architect.
Set out tree pits with existing concrete footpath.	YES/NO	Notify Landscape Architect of any potential problems.
Excavation of tree pits with root barrier and sub-surface drainage installed in accordance with Detail Drawings.	YES/NO	Inspection and sign off required by landscape architect.
Commencement of tree planting.	YES/NO	Inspection and sign off required by landscape architect.
Completion of all landscape works in accordance with the Landscape Construction Specification and subject DA approval consent.	YES/NO	Inspection required by Landscape Architect at practical completion to issue Defects Report and Compliance Report/Practical Completion Certificate.
Manufacturer's warranty and maintenance information for all proprietary products.	YES/NO	Supply all warranties and information for proprietary products to Landscape Architect. To be provided within 1 month of Practical Completion.

2.0 MATERIALS

2.1 PLANT MATERIAL

Discrepancies within the planting schedule and the drawing should be referred to Moir Landscape Architecture for clarification. Make no substitutions unless approved. Substitutions shall not be approved unless the contractor complies with this specification. Contractor to verify quantities against plant rates and quantities on drawings prior to comencement of work.

Contractor is required to check all numbers on drawings and confirm with schedule prior to ordering. Numbers on drawings to take precedent along with square metre rates.

Plant material: Plants shall be of the species, sizes and quantities as shown on the drawing. Plants shall be vigorous, well established, of good form, not soft or forced, free from disease and insect pests. Plants shall have large healthy root systems.

Trees are to be supplied in accordance with 'AS2303:2018 Tree Stock for landscape Use'.

Top 300mm soil to be equal to AS4419-2018 'Organic Soil' with texture to AS4419-2018 Table K1- Sandy Loam Below 300mm do not incorporate organic matter. Below 300mm soil to be equal to AS4419-2018 'Soil blend' with max 5% organic matter content. Texture to AS4419-2018 Table K1- Sandy Loam.

2.2.1 DEFINITIONS Site topsoil: Soil excavated from the site which has the following characteristics:

Contains minimum 2% organic matter, supports plant life, and is free from unwanted matter

Unwanted matter (in topsoil): Stones over 25mm diameter, clay lumps, weeds and tree roots, sticks and rubbish and material toxic to plants.

Where available use ameliorated site topsoil. Where unavailable, import topsoil from an off-site source approved by the Superintendent, equivalent to specification above. Soil tests to be submitted prior to construction to verify suitability. If not suitable, import soil as stated

Source Landscape Soil:

Soil to be used for these landscape works shall be: Ameliorated Site Topsoil or Imported General Purpose Soil to the areas and locations as specified. Soil for the works shall be free from noxious weeds etc. Soil shall be assumed to be placed to all revegetated areas and backfill to all plantings. Unless otherwise directed by site superintendent, the landscape contractor is responsible for the removal and or disposal of all spoil or excess soil excavated in the process of implementing the landscape works.

2.2.2 SOIL TESTS

Test soil and ameliorate in accordance with soil test results. Where unavailable for reuse import suitable topsoil to support native plant growth. Sampling: As recommended in AS 4419 (2018) Appendix A (when on site soil is to be used).

<u>Sampling technique:</u> Follow sampling techniques and guidelines according to AS 4419 (2018). Where discrepancies arise, refer to the Superintendent for clarification prior to proceeding with any works.

The Contractor shall arrange for the following soil tests to be carried out:

 One test of any proposed imported topsoil; and Where site topsoil is to be used, one site topsoil test by an approved soil testing laboratory as specified, from topsoil stockpiles.

Type of Soil Test Required: The Contractor shall specify that a 'major soil test' is required, for the purpose of analysing the characteristics and recommendations for use as a landscaping topsoil for native species.

Results: The results of all soil tests should be submitted to the superintendent prior to work commencing.

Lead time: Allow a minimum of 10 full working days for completion of soil testing, and check with laboratory to ensure testing will not delay landscaping works. Supply soil tests to site superintendent once available and according to the hold and witness point schedule.

Soil test results are only valid if soil is stockpiled for less than 12 months. If soil has been stockpiled for a longer period, new tests need to be done as described in AS 4419 (2018)

2.2.3 SUBSOIL

Excavated Planting Beds: Where defined planting beds are indicated on the landscape drawings with specific species scheduled and no turfing shown, treat as an excavated landscape planting bed

Excavation technique: Excavate to backfill with ameliorated site soil or imported general purpose soil to bring to levels shown on the drawings to allow for mulching and placement of imported soil. Rip and cultivate to depths as shown on the drawings.

Use soils described by the following terms (or their equivalents) which comply generally with the texture classifications and typical uses of AS 4419 – (2018) Table K1 Medium textured - Sandy loam

2.2.5 SOIL LEVELS

Finished soil levels shall allow turf or mulch to be finished to top of kerb, gravel pavement, existing levels or as otherwise shown on drawings.

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

following characteristics:

- Finished to design levels. Smooth and free from stones or lumps of soil.
- Graded to drain freely, without ponding, to catchment points
- Graded evenly into adjoining ground surfaces.
- Ready for planting.

Backfill Soil: Backfill holes using ameliorated site topsoil. Stock pile site soil onsite. Confirm stockpiles of site soil with superintendent prior to placement of materials. Site soil to be free from debris and weeds.

2.2.6 ADDITIVES

Additive types and rates: The Contractor shall incorporate additives to the subsoil or topsoil at rates recommended by the soil test results. This may include but not limited to PH neutral compost, lime, gypsum, urea, potash

Application: Where subsoil additives are recommended by the soil tests apply additives after cultivation of the subsoil.

Where site topsoil is to be stockpiled for reuse, incorporate additives as recommended in soil tests by cultivating through the topsoil. For excavated garden beds or backfill to planting holes, incorporate additives into stockpiled topsoil prior to placement. In all situations, ensure additives are thoroughly mixed through topsoil.

2.2.7 FERTILISERS AND SOIL CONDITIONERS

Fertiliser: Apply fertilisers according to the manufacturer's recommendations and recommended rates. Native plant slow release fertiliser applied at manufacturers recommendation - N:P:K 17:1.6:8.7

2.3 MULCH

The use of mulch shall be limited to those areas which are specified on the plans, highly disturbed areas, and in locations where there is low erosion potential. ANL Forest Fines mulch or an approved equivalent product (approved by site superintendant) spread to a depth of 75mm, is to be used. Where there is risk of mobilisation of surface materials due to weed management and/or planting works coir logs shall be used. For planting on slopes greater than 1:3 - Refer to relevant details. Depending on site conditions, coir logs may be necessary in combination with biodegradable mulch mat. All mulch to conform to AS4419-2018 with certification supplied to the Landscape Architect to verify it's compliance.

3.0 CRITERIA FOR TREE STOCK ASSESSMENT

3.1 GENERALLY

Tree stock to conform to AS2303-2018 Trees will be assessed against AS2303-2018 and rejected if not in accordance with the specification.

4.0 EXECUTION

4.1 EXCAVATION OF PLANTING HOLES

Locations for plants and/or outlines of areas to be planted are to be staked out at the site. Locate and mark all subsurface utility lines. Approval of the stakeout by the supervisor is required before excavation begins. Tree pits are to be excavated to the depth and widths indicated on the drawings. If the planting area under any tree is initially dug too deep, the soil added to bring it up to the correct level should be thoroughly tamped. The bottom of the planting hole shall slope parallel to the proposed grades or toward any subsurface drain lines within the planting bed.

Maintain all required angles of repose of the adjacent materials as shown on the drawings. Do not excavate compacted subgrades of adjacent pavement or

Subgrade soils shall be separated from the topsoil, removed from the area, and not used as backfill in any planted or lawn area. Excavations shall not be left uncovered or unprotected. For trees and shrubs planted in individual holes in areas of good soil that is to remain in place and/or to receive amendment in the top 150mm layer, excavate the hole to the depth of the root ball and to widths shown on the drawing. (Slope the sides of the excavation at a 45 degree angle up and away from the bottom of the excavation.)

Preparation of subgrades to be inspected prior to the installation or modification of topsoil or planting mix. Till the subsoil into the bottom layer of topsoil or planting mix. Loosen the soil of the subgrade to a depth of 50 to 75 mm with a rototiller or other suitable device.

Detrimental soil conditions: The supervisor is to be notified, in writing, of soil conditions encountered, including poor drainage, that the contractor considers detrimental to the growth of plant material. When detrimental conditions are uncovered, planting shall be discontinued until instructions to resolve the

4.2 PLANTING OPERATIONS

Before planting begins thoroughly water the plants and planting areas. Water plants again immediately after planting.

Install subsurface drains as shown on the details and connect to Stormwater. All tree planting holes and mass planting areas shall have subsurface drainage.

Plants shall be set on flat-tamped or unexcavated pads at the same relationship to finished grade as they were to the ground from which they were dug, unless otherwise noted on the drawings. Plants must be set plumb and braced in position until topsoil or planting mix has been placed and tamped around the base of the root ball. Improper tamping of the soil around the root ball may result in the tree settling or leaning. Plants shall be set so that they will be at the same depth and so that the root ball does not shift or move laterally one year later.

Determine the elevation of the root flare and ensure that it is planted at grade. This may require that the tree be set higher than the grade in the nursery. If the root flare is less than 50mm below the soil level of the root ball, plant the tree at the appropriate level above the grade to set the flare even with the grade. If the flare is more than 50mm at the centre of the root ball the tree shall be rejected.

Lift plants only from the bottom of the root balls or with belts or lifting harnesses of sufficient width not to damage the root balls. Do not lift trees by their trunk or use the trunk as a lever in positioning or moving the tree in the planting area.

Remove plastic, paper, or fibre pots from containerised plant material. Score the side of the root ball with a sharp knife and tease out roots. Immediately after removing the container, install the plant such that the roots do not dry out. Pack planting mix around the exposed roots while planting. Completely remove any waterproof or water-repellant strings or wrappings from the root ball and trunk before backfilling.

Place soil mixes, tamping lightly to reduce settlement. Ensure that the backfill immediately around the base of the root ball is tamped with foot pressure sufficient to prevent the root ball from shifting or leaning, in layers of 150mm deep.

Thoroughly water all plants immediately after planting. Apply water by hose directly to the root ball and the adjacent soil. Remove all tags, labels, strings, etc. from all plants. Following installation of stakes and ties according to the detail drawings, remove nursery/ formative stakes and ties from trees. Remove any excess soil, debris, and planting material from the job site at the end of each workday.

Provide smooth transitions between slopes of different gradients and direction. Modify the grade so that the finish grade is flush with all paving surfaces or as directed by the drawings. Fill all dips and remove any bumps in the overall plane of the slope.

Stake or guy a tree as shown on the details.

Plants shall not be heavily pruned at the time of planting. Pruning is required at planting time to correct defects in the tree structure, including removal of injured branches, double leaders, waterspouts, suckers, and interfering branches. Healthy lower branches and interior small twigs should not be removed except as necessary to clear paths and roads. In no case should more than one-quarter of the branching structure be removed. Retain the normal or natural shape of the plant. All pruning shall be completed using clean, sharp tools. All cuts shall be clean and smooth, with the bark intact with no rough edges or tears.

Pruning of trees to comply with AS4373-2007 with emphasis on deadwooding, formative pruning and crown lifting to comply with AS2303-2018

All trees are to be mulched to the depths shown on the drawing. Mulch must not be placed within 8 cm of the trunks of trees. Spread 75mm layer mulch to all mass planting beds and individual plantings in turf. Finish to the required levels. Keep mulch away from the plant stems. No mulch to creek banks.

Turf Underlay: Turf underlay used must be topsoil material, but may be general purpose topsoil in accordance with AS4419-2018.

- The soil mix must not contain any of the following: Materials toxic to humans and plant health.
- Plant roots of diameter greater than 12 mm.
- Clay lumps.
- Stones greater than 10 mm size.

5.0 PLANT ESTABLISHMENT

5.1 SCOPE

The maintenance period for the Landscape Contractor will be 104 weeks.

All rubbish related to landscape works shall be removed by the landscape contractor before it is allowed to accumulate.

Period: The Planting Establishment Period commences at the date of Practical Completion.

Program: The maintenance schedule will be advised once Practical Completion has occured.

Log Book: Keep a log book recording when and what maintenance work has been done and what materials, including toxic materials, have been used. Recurrent Works: Throughout the Planting Establishment Period, continue to carry out recurrent works of a maintenance nature including, but not limited

to, watering, mowing, weeding, rubbish removal, fertilising, pest and disease control, staking and tying, replanting, cultivating, pruning and keeping the site neat and tidy.

Pruning: Pruning of trees to comply with AS4373-2007 with emphasis on deadwooding, formative pruning and crown lifting.

Replacements: Continue to replace failed, damaged or stolen plants for the extent of the Planting Establishment Period.

Mulched Surfaces: Maintain the surface in a clean and tidy condition and reinstate the mulch as necessary, maintain depth of mulch specified.

Stakes and Ties: Adjust or replace as required. Remove stakes & ties six months into the Planting Establishment Period.

Watering: The contractor shall assume there is no site water available other than that which is provided as part of the works. The contractor shall be responsible for supplying water and/or paying for water for the duration of the works, including the maintenance period. Watering requirements will differ based on plant requirements, soil conditions, local climate and seasonally. It is the responsibility of the contractor to monitor watering requirements in an ongoing manner and adjust accordingly.

For reporting procedures refer to relevant section.

6.0 REPORTING

Practical Completion Reports

Following an inspection of the landscape works and rectification of any defects identified by Moir Landscape Architecture, the contractor is to submit a 'Practical Completion Report' to the Principle Certifying Authority. This report will confirm that the works have been installed as per the approved plans, or outline any deviations from the plans, and any rectifications required.

The landscape works shall also be monitored to document such things as growth rates, success and failures. Monitoring of the growth, root distribution and transpiration rates of establishing species will help identify species that are successful and suitable or as replacement plantings.

Plant Establishment

During plant establishment of the proposed landscape works, areas should be checked regularly for plant health and weed invasion. Maintenance will vary in intensity over the life of the establishment period.

Regular inspections will reduce the potential for minor infestations becoming major problems. All rubbish related to landscape works shall be removed by the landscape contractor before it is allowed to accumulate. During the maintenance period the landscape contractor shall undertake the following: Regular watering, weeding, mulching, plant replacement and other activities as required to promote healthy growth and ensure the site is kept in a neat

A 'Maintenance Log' is to be completed by the contractor verifying that satisfactory maintenance of the works has been undertaken and that any necessary rectification measures have been carried out to a high professional standard. All works undertaken are to be recorded with reference to the Maintenance Schedule

The 'Maintenance Log' is to be available at anytime to the Client and Site Superintendent.

Biannual Inspections are to occur where the landscape architect is required to provide final completion certification

Sydney Recycling Park



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1. DO NOT SCALE OFF DRAWINGS. FOLLOW WRITTEN DIMENSIONS. IF IN DOUBT OBTAIN WRITTEN ADVICE FROM THE SUPERINTENDENT. VERIFY ALL DIMENSIONS ON SITE TO BE READ IN CONJUNCTION WITH THE SPECIFICATION. 4. READ IN CONJUNCTION WITH ALL ARCHITECTURAL, CIVIL STRUCTURAL, HYDRAULIC, MECHANICAL AND ELECTRICAL ENGINEER'S DRAWINGS AND SPECIFICATIONS. CONFIRM LOCATION OF ALL SERVICES ON SITE PRIOR TO

A 10.05.22 D 27/4/23 FOR APPROVAL E 28/4/23 FOR APPROVAL F 13/6/23 FOR APPROVAL

No. Date REVISION DRAFT LANDSCAPE PLANS FOR 3/2/23 VIA LANDSCAPE CONCEPT PLAN C 9/2/23 VIA LANDSCAPE CONCEPT PLAN

16-23 Clifton Avenue. Kemps Creek, NSW

SPECIFICATION FOR APPROVAL Scale: N/A ORIGINAL DRAWING AT A1.

Project No. Drawing No. Drawn By: | MC | JR Approved By: | DM LP05 F Checked By: | AR

2155