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**DA** approved landscape plan's are required to be constructed as approved to obtain occupancy certificate. Permeable areas may be indicated to achieve site coverage restrictions & should be constructed as drawn on this plan.



pave
Grav refei
Stre deta

GENERAL NOTE:

eet tree planting- refer to typical detail

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INTEGRATED DESIGN GROUP

ARCHITECT:



COUNCIL MID-WEST CLIENT MID-WEST

	REV	DATE	NOTATION/AMENDMENT	PROJECT:		
STERN REGIONAL	Α	08.5.2023	Preliminary plans prepared for review	PROPOSED AFFORDABLE		
	В	17.5.2023	Coordinated with comments			
	С	23.8.2023	BASIX calculation provided	HOUSING DEVELOPMENT		
	D	16.2.2024	Coordinated with updated architectural drawings	10-12 BURRUNDULLA AVE	0 1 2 3 5 10 15	)
STERN REGIONAL	E	27.2.2024	Coordinated with updated SW & architectural drawings	10-12 DORRONDOLLA AVE		
	F	06.3.2024	Final submission for DA	MUDGEE	1:300	

$\left( \right)$				STATUS: DEVELOPMENT APPLICATION	
30				scale: 1:300@ A1	DATE: MARCH 2024
_	DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:
	LPDA 23- 269	1	F	L.Z	R.F

# **LEGEND & SCHEDULE**

### NOTES

1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR.

2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT. 3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH APPROVED LANDSCAPE PLANS.

4. LANDSCAPE CONTRACTOR SHALL LOCATE AND AVOID SITE STORM WATER & DRAINAGE SERVICES. LOCATE TREES A MINIMUM 1.25M FROM PITS 5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID DAMAGE

AND CLASHING WITH SURFACE ROOTS 6. THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS

STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR NEW WORK IN THIS AREA

## **STREET TREES-**SPECIES SELECTED FROM COUNCIL'S SUGGESTED TREES FOR CBD LIST \*

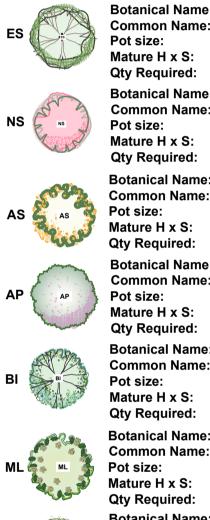
Botanical Name: Pistacia chinensis 🜟 PC Pot size: PCC PCC Pot size:

**Common Name:** Chinese Pistachio (Exotic) 45I t Mature H x S: 10m x 8m Qty Required: 13 Botanical Name: Pyrus calleryana 'Bradford' ★ **Common Name:** Ornamental Pear (Exotic) 45Lt Mature H x S: 10m x 5m Qty Required:



Botanical Name: Eucalyptus leucoxylon subsp. ★ Megalocarpa **Common Name:** Large-fruited Yellow Gum (Native) Pot size: 45Lt Mature H x S: 10m x 6-9m Qty Required: 8

TREES-SPECIES SELECTED FROM COUNCIL'S SUGGESTED **TREES FOR CBD LIST \*** 



Pot size: Pot size: Mature H x S: 12m x 7m BP

**Botanical Name:** *Eucalyptus sideroxylon* **Common Name:** Mugga Ironbark (Native) 75Lt Mature H x S: 10-20m x 6-10m Qty Required: 7 Botanical Name: Nyssa sylvatica 🛧 **Common Name:** Black Tulepo (Exotic) 75Lt Mature H x S: 12m x 6m

Qty Required: 1 **Botanical Name:** Acacia spectabilis **Common Name:** Mudgee Wattle (Native) 45I t Mature H x S: 6m x 3m

Botanical Name: Acer palmatum **Common Name:** Japanese Maple (Exotic) 45Lt **Mature H x S:** 5-8m x 3-6m 3

Botanical Name: Banksia integrifolia 🛧 **Common Name:** Coast Banksia (Native) 45Lt **Mature H x S:** 5-8m x 3-5m

Botanical Name: Melaleauca linariifolia 🔸 **Common Name:** Snow in Summer (Native) 45Lt **Mature H x S:** 6-8m x 4-6m

Qty Required: 7 Botanical Name: Angophora hispida 🔸 **Common Name:** Dwarf Apple Gum (Native) 45Lt

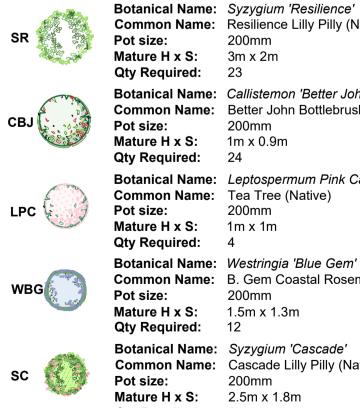
Qty Required: 2 **Botanical Name:** Brachychiton polulneus **Common Name:** Kurrajong (Native) 75Lt Mature H x S: 12-15m x 6m

# SHRUB & HEDGE

Pot size:

Qty Required:

7



Pot size:

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**Common Name:** Resilience Lilly Pilly (Native) 200mm **Botanical Name:** Callistemon 'Better John' **Common Name:** Better John Bottlebrush (Native) 200mm Botanical Name: Leptospermum Pink Cascade **Common Name:** Tea Tree (Native) 200mm **Botanical Name:** Westringia 'Blue Gem' **Common Name:** B. Gem Coastal Rosemary (Native) 200mm Mature H x S: 1.5m x 1.3m Botanical Name: Syzygium 'Cascade' **Common Name:** Cascade Lilly Pilly (Native) 200mm Mature H x S: 2.5m x 1.8m Qty Required: 61 Botanical Name: Grevillea 'Crimson Villea'

Common Name: Crimson Villea Grevillea (Native) 200mm Mature H x S: 0.8m x 0.8m Qty Required: 11

> Australian Instituto di Hairdstape Architecta AILA Associate



SAMPLE IMAGES- STREET TREES







	LL		Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:
	DR	*	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:
	BN		Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:
	HV		Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:
)	CE		Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:
	MIX A		<b>Grass Mix A:</b> Myoporum parvin Dianella 'Emeral Grevillea 'Royal Lomandra longifi

CLIENT MID-WESTERN REGIONAL

stemon 'Slim' Bottlebrush ( m 1.3m	
	LANDSCAPE ARCHITE







conzept











. (	C	23.8.2023	BASIX calculation provided
I	D	16.2.2024	Coordinated with updated architectural drawings
l	E	27.2.2024	Coordinated with updated SW & architectural drawings
1	F	06.3.2024	Final submission for DA

10-12 BURRUNDULLA AVE MUDGEE

0 1 2	5	10
1:200		

	TITLE:			STATUS:	
	LANDSCAPE PLAN 1			DEVELOPMENT APPLICATION	
				SCALE:	DATE:
				1:200@ A1	MARCH 2024
	DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:
	LPDA 23- 269	2	F	L.Z	R.F

# **LEGEND & SCHEDULE**

### NOTES

ASM

CS 🕇

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## STREET TREES-SPECIES SELECTED FROM COUNCIL'S SUGGESTED TREES FOR CBD LIST \*

COUNCIL 5 SUGGESTED TREES FOR CBD LIST			
and the second s	<b>Botanical Name:</b>	Pyrus calleryana 'Capital'	*
	Common Name:	Ornamental Pear (Exotic)	
PCC	Pot size:	45Lt	
	Mature H x S:	10m x 5m	
A for	Qty Required:	tbc	

## **TREES-**SPECIES SELECTED FROM COUNCIL'S SUGGESTED TREES FOR CBD LIST \*

SUGGESTED TREES FOR CBD LIST *			
ES C	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Eucalyptus sideroxylon</i> Mugga Ironbark (Native) 75Lt 10-20m x 6-10m 3	
NS CONTRACT	Botanical Name: Common Name: Pot size: Mature H x S:	Nyssa sylvatica Black Tulepo (Exotic) 75Lt 12m x 6m	
AS	Qty Required: Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	3 Acacia spectabilis Mudgee Wattle (Native) 45Lt 6m x 3m 3	
	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Acer palmatum Japanese Maple (Native) 45Lt 5m x 3m 8	
BI	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Banksia integrifolia ★ Coast Banksia (Native) 45Lt 5-8m x 3-5m 4	
ML	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<ul> <li><i>Melaleauca linariifolia</i> ★</li> <li>Snow in Summer (Native)</li> <li>45Lt</li> <li>6-8m x 4-6m</li> <li>2</li> </ul>	
AH	Botanical Name: Common Name: Pot size: Mature H x S:	Angophora hispida → Dwarf Apple Gum (Native) 45Lt 12m x 7m	
BP	Qty Required: Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	6 <i>Brachychiton polulneus</i> Kurrajong (Native) 75Lt 12-15m x 6m 6	
SHRUB 8	Botanical Name: Common Name: Pot size: Mature H x S:	<i>Syzygium 'Resilience'</i> Resilience Lilly Pilly (Native) 200mm 3m x 2m	
СВЈ	Qty Required: Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	75 <i>Callistemon 'Better John'</i> Better John Bottlebrush (Native) 200mm 1m x 0.9m 50	
	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Leptospermum Pink Cascade Tea Tree (Native) 200mm 1m x 1m 50	
wвg	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Westringia 'Blue Gem'</i> B. Gem Coastal Rosemary (Native) 200mm 1.5m x 1.3m 80	
sc	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium 'Cascade'</i> Cascade Lilly Pilly (Native) 200mm 2.5m x 1.8m 80	
ASM	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Acmena smithii 'Minor'</i> Minor Lilly Pilly (Native) 200mm 2-3m x 2m 79	
cs	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Callistemon 'Slim'</i> Slim Bottlebrush (Native) 200mm 3m x 1.3m 49	
gcv 袟	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Grevillea 'Crimson Villea' Crimson Villea Grevillea (Native) 200mm 0.8m x 0.8m 42	

SAMPLE IMAGES

Images are diagrammatic only, and final planting species may vary, as determined by Council Approval **SAMPLE IMAGES- SHRUBS & HEDGES** 

S

PC

PC

P I PC

I PC

II PC

I PC

Plantings to U13

-U16

- 1 BI

- 1 BP

- 2 ML

- 3 AP - 1 AH

Shrubs: - 9 WBG

- 11 CBJ

- 16 SC

- 19 SR

- 14 CS

- 28 ASM

- 4 LPC - 40 DR

- 18m2 BM

- 20m2 HV

Plantings to U12 & U17

- 1 BI

- 1 BP

- 2 AP

- 1 AH

Shrubs: - 11 WBG

- 9 CBJ

- 9 GCV

- 18 ASM - 10 SR - 13 CS

- 2 LL

- 6 LPC

- 52 DR

- 6m2 BM

- 8m2 HV

PCC

Syzygium 'Resilience'



Syzygium 'Cascade'



Callistemon 'BetterJohn'

# **GRASS & GROUNDCOVER**

ΤТ

LL

DR

ВМ 🐉

н 🏅

CE 💱

MIX A

*	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Themeda triandra</i> Kangaroo Grass (Native) 140mm 0.8m x 0.8m 26
×	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Lomandra longifollia</i> Mat Rush (Native) 140mm 1.1m x 1.1m 34
*	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Dianella revoluta</i> Black Anther Flax Lily (Native) 140mm 0.7m x 0.65m 270
	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Brachyscome multifida Cut-leaf Daisy (Native) 140mm 0.2m x spreading 9/m2 <b>(65m2 total)</b>
	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Hardenbergia violacea False Sarsparilla</i> (Native) 140mm 0.8m x 0.5m 3/m2 <b>(41m2 total)</b>
	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	Convolvulus erubescens Australian bindweed(Native) 140mm 0.3m x 1.5m 5/m2 <b>(43.5m2 total)</b>
	<b>Grass Mix A:</b> Mvoporum parvi	folium 'Yareena'

Myoporum parvifolium 'Yareena' Dianella 'Emerald Arch' Grevillea 'Royal Mantle' Lomandra longifollia 'Tanika'

Pot size: Mature H x S: < .8m Qty Required: 6/m2 (55m2 total)

Tube stock



COUNCIL
MID-WE
CLIENT
MID-WE

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INTEGRATED DESIGN GROUP

ARCHITECT:



ESTERN REGIONAL ESTERN REGIONAL

REV DATE NOTATION/AMENDMENT A 08.5.2023 Preliminary plans prepared for review B 17.5.2023 Coordinated with comments C 23.8.2023 BASIX calculation provided D 16.2.2024 Coordinated with updated architectural drawings E 27.2.2024 Coordinated with updated SW & architectural drawings F 06.3.2024 Final submission for DA

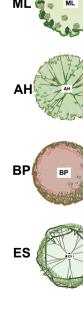
PROPOSED AFFORDABLE HOUSING DEVELOPMENT 10-12 BURRUNDULLA AVE MUDGEE

PROJECT:

0 1 2 5 10 1:200

TITLE:		STATUS:		
LANDSCAPE P	LAN 2	DEVELOPMENT APPLICATION		
			SCALE:	DATE:
			1:200@ A1	MARCH 2024
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:
LPDA 23- 269	3	F	L.Z	R.F







COUNCIL	REV	DATE	NOTATION/AMENDMENT	PROJECT:				
MID-WESTERN REGIONAL	А	08.5.2023	Preliminary plans prepared for review	PROPOSED AFFORDABLE				
	В	17.5.2023	Coordinated with comments					
	С	23.8.2023	BASIX calculation provided	HOUSING DEVELOPMENT				
CLIENT	D	16.2.2024	Coordinated with updated architectural drawings	10-12 BURRUNDULLA AVE	0 1 2	5	10	
	Е	27.2.2024	Coordinated with updated SW & architectural drawings	10-12 DURRUNDULLA AVE				
MID-WESTERN REGIONAL	F	06.3.2024	Final submission for DA	MUDGEE	1:200			

LANDSCAPE P	LAN 3		DEVELOPMENT APPLICATION			
			SCALE:	DATE:		
			1:200@ A1	MARCH 2024		
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:		
LPDA 23- 269	4	F	L.Z	R.F		

#### LANDSCAPE WORK SPECIFICATION

#### PRELIMINARIES

#### 1.01 GENERAL

The following general conditions should be considered prior to the commencement of landscape works

- The landscape plans should be read in conjunction with the architectural plans, project arborist's assessment, hydraulic plans, service plans and survey prepared for the proposed development. All services including existing drainage should be accurately located prior to the commencement of landscape
- installation. Any proposed tree planting which falls close to services will be relocated on site under the instruction of the landscape architect. Installation of conduit for required irrigation, electrical and other services shall be completed prior to the
- commencement of hardscape works and hardstand pours. All outdoor lighting specified by architect or client to be installed by qualified electrician
- Anomalies that occur in these plans should be brought to our immediate attention.
- Where an Australian Standard applies for any landscape material testing or installation technique, that standard shall be followed.

### .02 PROTECTION OF ADJACENT FINISHES

The Contractor shall take all precautions to prevent damage to all or any adjacent finishes by providing adequate

rotection to these areas / surfaces prior to the commencement of the Works

## 1.03 PROTECTION OF EXISTING TREES

Existing trees identified to be retained shall be done in accordance with (AS)4970-Protection of trees on development sites as well as in accordance with the tree protection measures prepared by project arborist.

Where general works are occurring around such trees, or pruning is required, a qualified Arborist shall be engaged to oversee such works and manage tree health.

Existing trees designated on the drawing for retention shall be protected at all times during the construction period. Any soil within the drip-line of existing trees shall be excavated and removed by hand only. No stockpiling shall occur within the root zone of existing trees to be retained.

Any roots larger in diameter than 50mm shall only be severed under instruction by a qualified arborist. Roots smaller than 50mm diameter shall be cut cleanly with a saw

#### emporary fencing shall be installed around the base of all trees to be retained prior to the commencement of landscape works. Where possible this fencing will be located around the drip line of these trees, or a minimum of 3m from the trunk. The fencing shall be maintained for the full construction period.

#### 1.04 EROSION & POLLUTION CONTROL

he Contractor shall take all proper precautions to prevent the erosion of soil from the subject site. The contractor shall install erosion & sediment control barriers and as required by council, and maintain these barriers throughout the construction period. Note that the sediment control measures adopted should reflect the soil type and erosion

#### Erosion & pollution control measures shall incorporate the following:

- Construction of a sediment trap at the vehicle access point to the subject site. Sediment fencing using a geotextile filter fabric in the location indicated on the erosion control plan or as instructed on site by the landscape archited

#### Earth banks to prevent scour of stockpile Sandbag kerb sediment traps

Straw bale & geotextile sediment filter.

Exposed banks shall be pegged with an approved Jute matting in preparation for mass planting

# Refer to "Sitewise Reference Kit" as prepared by DLWC & WSROC (1997) for construction techniques

SOIL WORKS

characteristics of the site.

## 2.01 MATERIALS

Specified Soil Conditioner (Generally to improve site soil)

The specified soil conditioner for site top-soil improvement shall be an organic mix, equal to "Botany Humus", as supplied by ANL. Note that for sites where soil testing indicates toxins or extremes in pH, or soils that are extremely poor, allow to ccavate and supply 300mm of imported soil mix

#### New gardens & proposed Planting

New garden and planting areas shall consist of a 50/50 mix of clean site soil (refer d) below) and imported "Organic Garden Mix" as supplied by ANL or approved equal. All mixes are to comply with AS 4419 Soils for landscaping & garden se, & AS 4454 Composts, Soil conditioners & mulches.

#### Specified Soil Mix - Turf

The specified soil mix for all turf areas shall be a min 75mm laver of imported soil mix consisting of 80% washed river sand (reasonably coarse), and 20% composted organic matter equivalent to mushroom compost or soil conditioner, or ther approved lawn top dress

Site topsoil is to be clean and free of unwanted matter such as gravel, clay lumps, grass, weeds, tree roots, sticks, rubbish and plastics, and any deleterious materials and materials toxic to plants. The topsoil must have a pH of between 5.5 and 7. Use 100% imported soil mix when site when site topsoil runs out.

2.02 INSTALLATION (TO GARDEN OUTSIDE OF TREE PROTECTION ZONES OF TREES RECOMMENDED TO BY RETAINED)

#### Note: No level changes (Cut or Fill), soil ripping within the Tree Protection Zones of trees to be retained a) Testing

All testing is to be conducted in accordance with AS 1289 Methods for testing soils for engineering purposes. Site soi shall be given a pH test prior to modifying to ensure conditions are appropriate for planting as stated above. Tests shall be taken in several areas where planting is proposed, and the pH shall be adjusted accordingly with sulphur or lime to

Note that a soil test conducted by the "Sydney Soil Lab" or approved equal shall be prepared for all commercial, industrial and multi-unit residential sites. The successful landscape contractor shall implement the recommendations of

#### b) Set Out of Individual Trees & Mass Planting Areas

All individual tree planting positions and areas designated for mass planting shall be set out with stakes or another form of marking, ready for inspection and approval. Locate all services.

#### c) Establishing Subgrade Levels outside of tree protection zones of trees to be retained

Subgrade levels are defined as the finished base levels prior to the placement of the specified material (i.e. soil onditioner). The following subgrade levels shall apply

Mass Planting Beds - 300mm below existing levels with specified imported soil mix. Turf areas - 100mm below finished surface level.

Note that all subgrades shall consist of a relatively free draining natural material, consisting of site topsoil placed reviously by the Civil Contractor. No builders waste material shall be acceptable.

#### d) Subgrade Cultivation

Cultivate all subgrades to a minimum depth of 100mm in all planting beds and all turf areas, ensuring a thorough breakup of the subgrade into a reasonably coarse tilth. Grade subgrades to provide falls to surface and subsurface drains, prior to he placement of the final specified soil mix.

#### e) Drainage Works

Install surface and subsurface drainage where required and as detailed on the drawing. Drain subsurface drains to utlets provided, with a minimum fall of 1:100 to outlets and / or service pits.

## f) Placement and Preparation of Specified Soil Conditioner & Mixes.

Trees in turf & beds - Holes shall be twice as wide as root ball and minimum 100mm deeper - backfill hole with 50/50 mix of clean site soil and imported "Organic Garden Mix" as supplied by ANL or approved equal.

- Mass Planting Beds Install specified soil conditioner to a compacted depth of 100mm
- Place the specified soil conditioner to the required compacted depth and use a rotary hoe to thoroughly mix the conditioner into the top 300mm of garden bed soil. Ensure thorough mixing and the preparation of a reasonably fine tilth
- and good growing medium in preparation for planting.
- Turf Areas Install specified soil mix to a minimum compacted depth of 75mm. Place the specified soil mix to the required compacted depth and grade to required finished soil levels, in preparation for
- planting and turfing.

## PLANTING

## 3.01 MATERIALS

a) Quality and Size of Plant Material

All trees supplied above a 25L container size must be grown and planted in accordance with AS 2303:2018 'TREE STOCK FOR LANDSCAPE USE' Certification that trees have been grown to AS 2303:2018 is to be provided upon equest of Council's Tree Management Officer.

#### Above - Ground Assessment:

The following plant quality assessment criteria should be followed: Plant true to type, Good vigour and health, free from pest & disease, free from injury, self-supporting, good stem taper, has been pruned correctly, is apically dominant, has even crown symmetry, free from included bark & stem junctions, even trunk position in pot. good stem structure

#### Below - Ground Assessment:

Good root division & direction, rootball occupancy, rootball depth, height of crown, non-suckering For further explanation and description of these assessment criteria, refer to Ross Clark's book. All Plant material shall be to the type and size specified. No substitutions of plant material shall be permitted without written prior approval by the Landscape Architect. No plant shall be accepted which does not conform to the standards listed above.

### o) Stakes and Ties

Provide min. 3 No. Stakes and ties to all plants identified as trees in the plant schedule. Stakes shall be sound, unpainted, straight hardwood, free of knots and pointed at one end. They shall be 2200mm x 50mm x 50mm Hardwood, or approved alternative. Ties shall be 50mm wide hessian webbing material.

Fertilisers shall be approved slow release fertilisers suitable for the proposed planting types. Note that for native plants,

#### GENERAL NOTE

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specifically Proteaceae family plants including Grevillea species, low phosphorus fertilizers shall be used.

d) Mulch Mulch shall be Eucy Mulch or approved equivalent naturally sources organic mulch. Mulch shall be completely free from any soil, weeds, rubbish or other debris. Mulch for bio-retention/rain garden area where is required shall be non-floatable materials that could include crushed rock, gravel, coarse river sand, scoria or river pebbles. 4-7mm screenings or similar.No combustible mulch should be used onsite and non combustible mulch such as scoria, pebbles, crushed rock or recycled crushed brick tiles or other non combustible material should be used instead

#### Turf for project site shall be soft leaf Buffalo, native turf (such as Zoysia macrantha 'Nara') or equivalent unless stated otherwise, free from any weeds and other grasses, and be in a healthy growing condition. Re-turfing to nature strip where is required shall use species that match existing on street.

## 3.02 INSTALLATION

a) Setting Out All planting set out shall be in strict accordance with the drawings, or as directed. Note that proposed tree planting located near services should be adjusted at this stage. Notify Landscape Architect for inspection for approval prior to planting.

#### b) Planting

All plant material shall be planted as soon after delivery as possible. Planting holes for trees shall be excavated as detailed and specified. Plant containers shall be removed and discarded, and the outer roots gently teased from the soil mass. Immediately set plant in hole and backfill with specified soil mix, incorporating the approved quantity of fertiliser for each plant type. Ensure that plants are set plumb vertically and root balls set to the consolidated finished grades detailed on the drawings. Compact the backfilled soil and saturate by hand watering to expel any remaining air pockets

#### immediately after planting. c) Staking and Tying

Staking and tying shall be in strict accordance with the drawings and shall occur immediately following plant placement and soil backfilling. All plants identified as "Trees" on the planting schedule shall be staked with a min. 3 stakes.

### d) Mulching

No combustible mulch should be used onsite. Mulch such as scoria, pebbles, crushed rock or recycled crushed brick tiles or other non combustible material should be used instead. Mulch should be spread so that a compacted thickness of 75mm is achieved after settlement in all planting beds and around each individual plant. Apply immediately following planting and watering in, ensuring that a 50mm radius is maintained around the trunk of each plant. There shall be no mixing of soil and mulch material.

#### e) Turfing

Moisten soil prior to the turf being laid. Turf shall be neatly butt jointed and true to grade to finish flush with adjacent surfaces. Incorporate a lawn fertilizer and thoroughly water in. Keep turf moist until roots have taken and sods/rolls cannot be lifted. Keep all traffic off turf until this has occurred. Allow for top dressing of all turf areas. All turf shall be rolled immediately following installation

### f) Timber edging

Where is required, the Contractor shall install timber edging as detailed on the drawings, to all mass planting beds adjoining turf or gravel mulched areas, and where required. The resultant edge shall be true to line and flush with adjacent surfaces. However, no edging shall be used within the Structural Root Zone (SRZ) of trees to be retained

#### a) Earth retaining structure

Construction materials to retaining wall for BAL rated area shall be of masonry construction or similar which has a life span of 60+ years. All walls which form part of drainage works must be built as detailed by the hydraulic engineer. All walls exceeding 800mm shall be of not timber construction materials, construction details to be provided by a qualified engineer. Install wall to suit site levels and to manufacture's specification.

# HARDSCAPE WORKS

4.01 GENERAL

The Contractor shall undertake the installation of all hardscape works as detailed on the drawing, or where not detailed, by manufacturers specification.

Paving - refer to typical details provided, and applicable Australian Standards. Permeable paving may be used as a suitable means of satisfying Council permeable surface requirements, while providing a useable, hardwearing, practical surface. In most instances, the client shall nominate the appropriate paving material to be used.

Australian Standards shall be adhered to in relation to all concrete, masonry & metal work. Some details are typical and may vary on site. All hardscape works shall be setout as per the drawings, and inspected and approved by the Landscape Architect prior to installation. All workmanship shall be of the highest standard. Any queries or problems that arise from hardscape variations should be bought to the attention of the Landscape Architect. Your attention is directed to any obligations or responsibilities under the Dividing Fences Act, 1991 in respect of adjoining property owner/s which may arise from this application. Any enquiries in this regard may be made to the Crown Lands Division on (02) 8836 5332.

#### IRRIGATION WORKS

engageme

5%.

Design Requirements

Services Co-ordination

Testing & Defects:

exceed 300Kpa.

Warranty :

immediately rectified.

Further Documentation

6.01 GENERAL

CONSOLIDATION AND MAINTENANCE

power provision and water supply.

over a determined length of time.

5.01 GENERAL (PERFORMANCE SPECIFICATION)

New irrigation systems to planting areas shall be a Commercial Grade Irrigation System conforming to all relevant Australian standards, including AS 3500 & the Electrical Safety Act 2002, Workplace Health & Safety Act 1995, & the latest Sydney Water Code

An automated drip-irrigation system is to be installed to all gardens, planters and lawn areas in accordance with the approved Irrigation Design.

- The irrigation system shall be installed prior to all planting works. It shall incorporate a commercially available irrigation

- It shall incorporate a suitable back flow prevention device for the scale of works, an in-line filter, check valves, and

- The landscape contractor shall check the existing pressure available from the ring mains and size irrigation piping to

- All piping and fittings shall be buried 50mm below the finished soil levels in garden and lawn areas, and secured in

- Size of pipes shall be selected to ensure the working pressure at the end of the line does not decrease by more than

- Co-ordination required by Landscape Contractor or Project Manager to provide required conduit, pipe work and

- The Landscape Contractor shall be engaged with the Irrigation Specialist to co-ordinate with the Project Manager to

- Project Manager and Landscape Contractor to establish area suitable for irrigation control system with required area,

- Main Line Pressure Test: The main line is pressurised to test for leaks. All valves are shut and the pressure is taken

the manufacturer recommendations. The inlet pressure is then tested under the same conditions to check it does not

- All components are to be satisfactorily functional and operational prior to approval. Should any defect develop, or the

The consolidation and maintenance period shall be 12 months beginning from the approved completion of the specified

construction work (Practical Completion). A gualified landscape maintenance contractor shall undertake the required

landscape maintenance works. Consolidation and maintenance shall mean the care and maintenance of Contracted

On the completion of the maintenance period, the landscape works shall be inspected and at the satisfaction of the

LANDSCAPE ARCHITEC

conzept

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AMMERAY NSW 2062

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Fax: 8209 4982

appearance at all times, as well as rectifying any defects that become apparent in the contracted works.

works by accepted landscaping or horticultural practices, ensuring that all plants are in optimum growing conditions and

capacity or efficiency of the system decline during the agreed maintenance system, then these faults shall be

- Dripper Pressure Test: Measurement at flushing valves are taken and the pressure gauged to make sure it conforms to

suitable high and low density poly hose fittings and PVC piping to achieve flow rates suitable for specified planting.

This system shall be designed and installed by a qualified and licensed irrigation specialist, to the highest industry standards and to maximise the efficient usage of water. The Installer is required to obtain all Mid-Western Regional Council By-Laws and Ordinances.

system, with sub-surface dripper lines to irrigate all gardens, planters and lawn areas.

penetration through slabs and planter walls for water and power provisions.

Upon completion of installation, the system shall be tested, including:

- A full 12 month warranty shall be included to cover labour and all parts

- On request, a detailed irrigation performance specification report can be issued.

This shall include, but not be limited to, the following items where and as required:

• Mowing lawns & trimming edges each 14 days in summer or 18 days in winter

superintendent or landscape architect, the responsibility will be signed over to the client.

• Watering all planting and lawn areas / irrigation maintenance.

• Maintenance of all paving, retaining and hardscape elements.

• Clearing litter and other debris from landscaped areas.

 Replacement of damaged, stolen or unhealthy plants. • Make good areas of soil subsidence or erosion.

• Spray / treatment for Insect and disease control.

INTEGRATED DESIGN GROUP

Fertilizing with approved fertilizers at correct rates.

• Topping up of mulched areas.

· Adjusting ties to Stakes

ARCHITEC

Removing weeds, pruning and general plant maintenance.

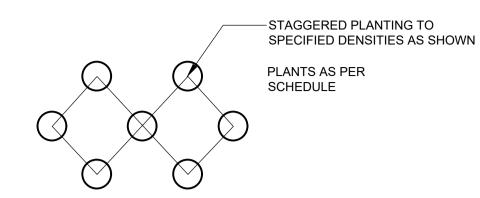
- The irrigation application rate shall not exceed the infiltration rate of the soil or creates run-off.

# - The Landscape Contractor nominated Licensed Irrigation Specialist shall provide irrigation drawings for approval upon

suit. Supply shall be from local hose cock where available.

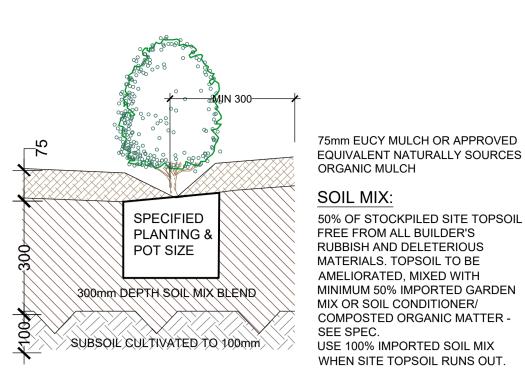
position at 500mm centres with galv wire pins.

identify the preferred service and conduit locations.



# MASS PLANTING SETOUT

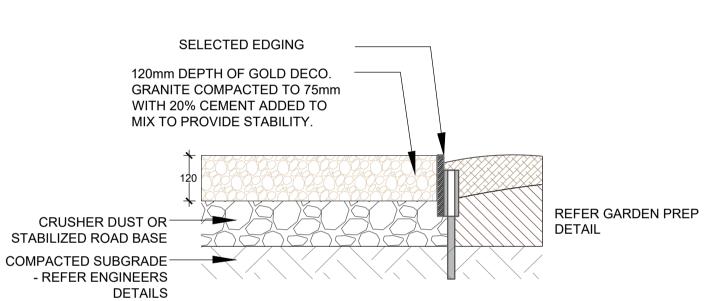
N.T.S



# **TYPICAL GARDEN PREPARATION**

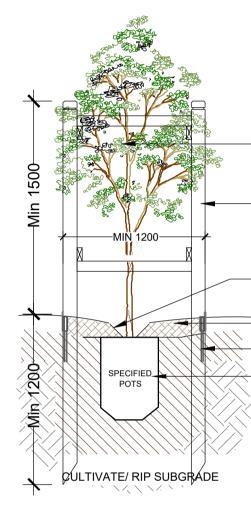
**SCALE 1:10** 

(ONLY APPLICABLE FOR PLANTING AREA OUTSIDE TREE PROTECTION ZONE OF TREES TO BE RETAINED. NO CHANGES ARE TO OCCUR TO EXISTING LEVELS, INCLUDING RIPPING/CULTIVATING OF THE SOIL WITHIN THE TPZ OF TREES TO BE RETAINED ON SITE)



**DECO GRANITE PATH & STEEL EDGE** 

SCALE: 1:10



PLANT STOCK SHALL BE SOURCED FROM GROWERS CONFORMING TO AS 2303:2018 'TREE STOCK FOR LANDSCAPE USE' THOROUGHLY WATER IN ALL NEWLY PLANTED STOCK IMMEDIATELY AFTER PLANTING.

75mm EUCY MULCH OR APPROVED

WHEN SITE TOPSOIL RUNS OUT.

ORGANIC MULCH

EQUIVALENT NATURALLY SOURCES

-QUALITY OF PLANT TO BE APPROVED BY PROJECT MANAGER OR LANDSCAPE ARCHITECT

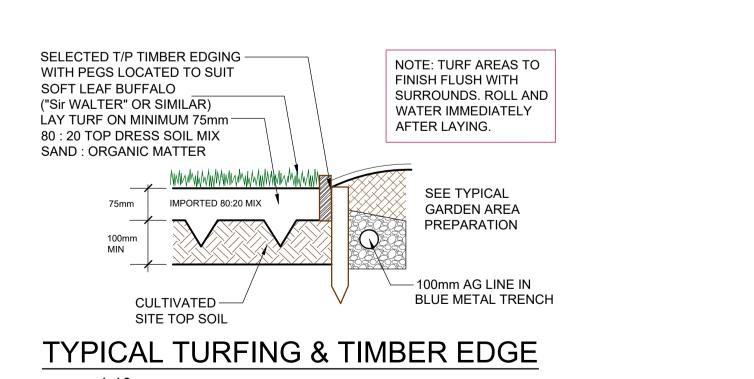
INSTALL 100MM X 100MM TREATED PINE TREE GUARD OR EQUIVALENT POST. GALVANIZED BOLTS TO FIX RAIL TO POSTS. **USE 50MM HESSIAN TIES TO SUPPORT TREE** 

PROVIDE SLIGHT DEPRESSION TO ALLOW FOR EFFECTIVE WATERING 75mm EUCY MULCH OR APPROVED EQUIVALENT NATURALLY SOURCES ORGANIC MULCH STEEL EDGING AROUND TREE PIT TOP SOIL MIX PLANTING HOLE MIN. 1.5 TIMES POT SIZE. BACKFILL HOLE WITH CLEAN, TESTED

SITE TOP-SOIL BLEND OR IMPORTED SOIL MIX APPROVED BY LANDSCAPE ARCHITECT

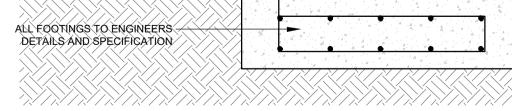
# TREE PLANTING SCALE NTS

(ONLY APPLICABLE FOR PLANTING AREA OUTSIDE TREE PROTECTION ZONE OF TREES TO BE RETAINED. NO CHANGES ARE TO OCCUR TO EXISTING LEVELS, INCLUDING RIPPING/CULTIVATING OF THE SOIL WITHIN THE TPZ OF TREES TO BE RETAINED ON SITE)

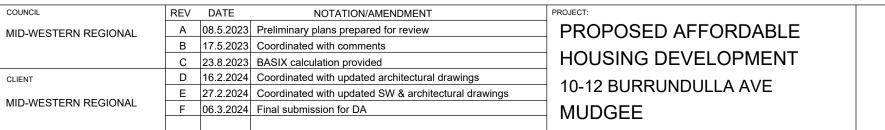


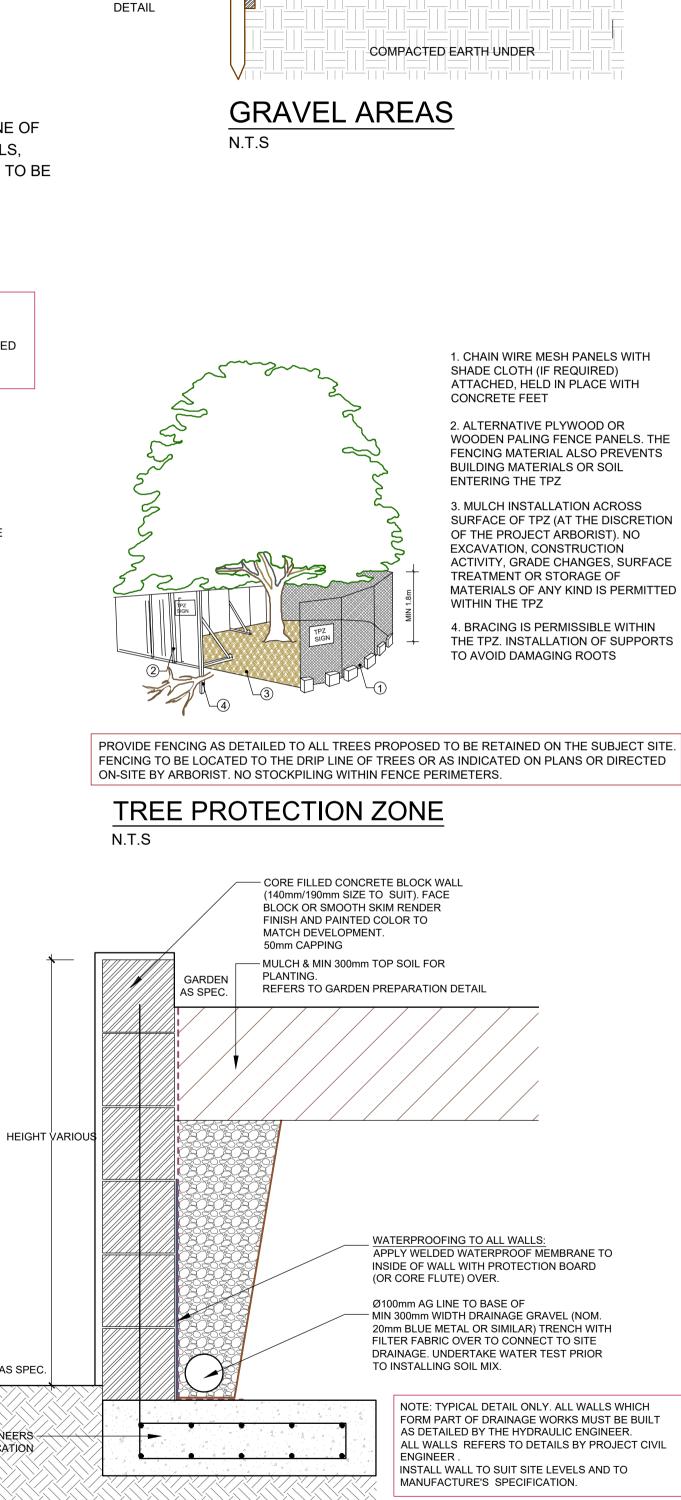
approx 1:10

ADJACENT SURFACE AS SPEC



# APPROX 1:10





- 100mm DEPTH OF PINK DECO.

SELECTED EDGING

TO ALL PLANTING

BY WALL OR KERB.

REFER GARDEN

PREPARATION

AREAS NOT BOUNDED

**GRANITE COMPACTED TO 75mm** 

WITH 20% CEMENT ADDED TO

MIX TO PROVIDE STABILITY.

APPROVED WEED MAT

UNDERNEATH GRAVEL

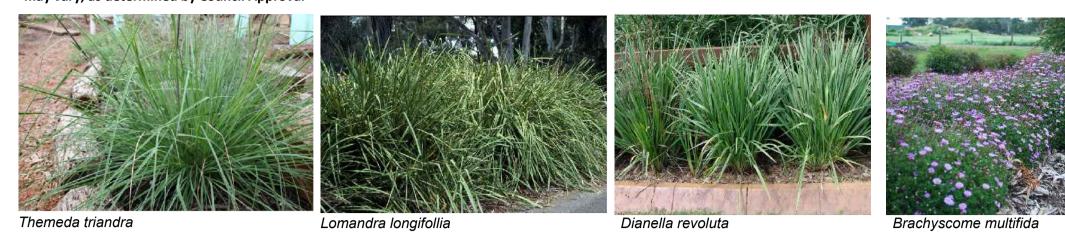
AS REQUIRED

# TYPICAL MASONRY BLOCK RETAINING WALL

TITLE:			STATUS:		
SPECIFICATI	ONS & DETAIL	_S 1	DEVELOPMENT APPLICATION		
			SCALE:	DATE:	
				MARCH 2024	
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:	
LPDA 23- 269	5	F	L.Z	R.F	

# SAMPLE IMAGES

Images are diagrammatic only, and final planting species may vary, as determined by Council Approval



SAMPLE IMAGES- GROUNDCOVER MIX



# **GROUNDCOVER MIX A**

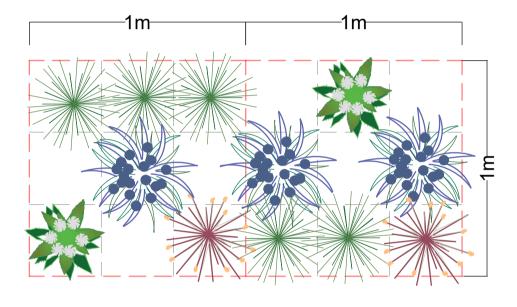
KEY	Botanical Name
*	Myoporum parvifolium 'Yareena'
*	Dianella 'Emerald Arch'
-	Grevillea 'Royal Mantle'
*	Lomandra longifollia 'Tanika'
	Grass Mix A:



Myoporum parvifolium 'Yareena' Dianella 'Emerald Arch' Grevillea 'Royal Mantle' Lomandra longifollia 'Tanika'

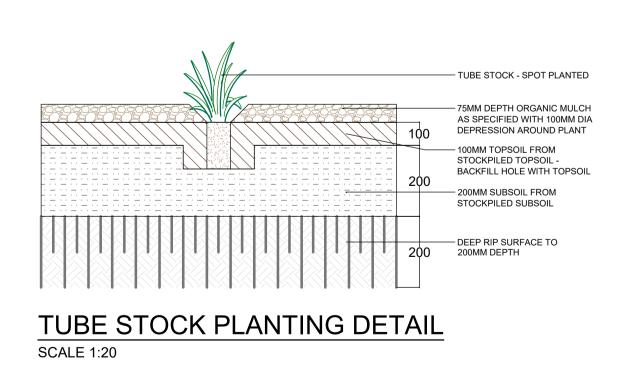
Tube stock Pot size: Mature H x S: < .8m Qty Required: 6/m2 (408m2 total)







TIMBER GARDEN EDGING-REFER DETAIL



INSTALL 100mm x 100mm TREATED PINE TREE GUARD

OR EQUIVALENT POST

PROVIDE 2 HARDWOOD STAKES 1.8m X 50mm X 50mm FOR ALL TREES. USE 50mm HESSIAN TIES TO SUPPORT TREE

100mm EUCY MULCH OR APPROVED EQUIVALENT NATURALLY SOURCES ORGANIC MULCH

KERB



GENERAL NOTE:



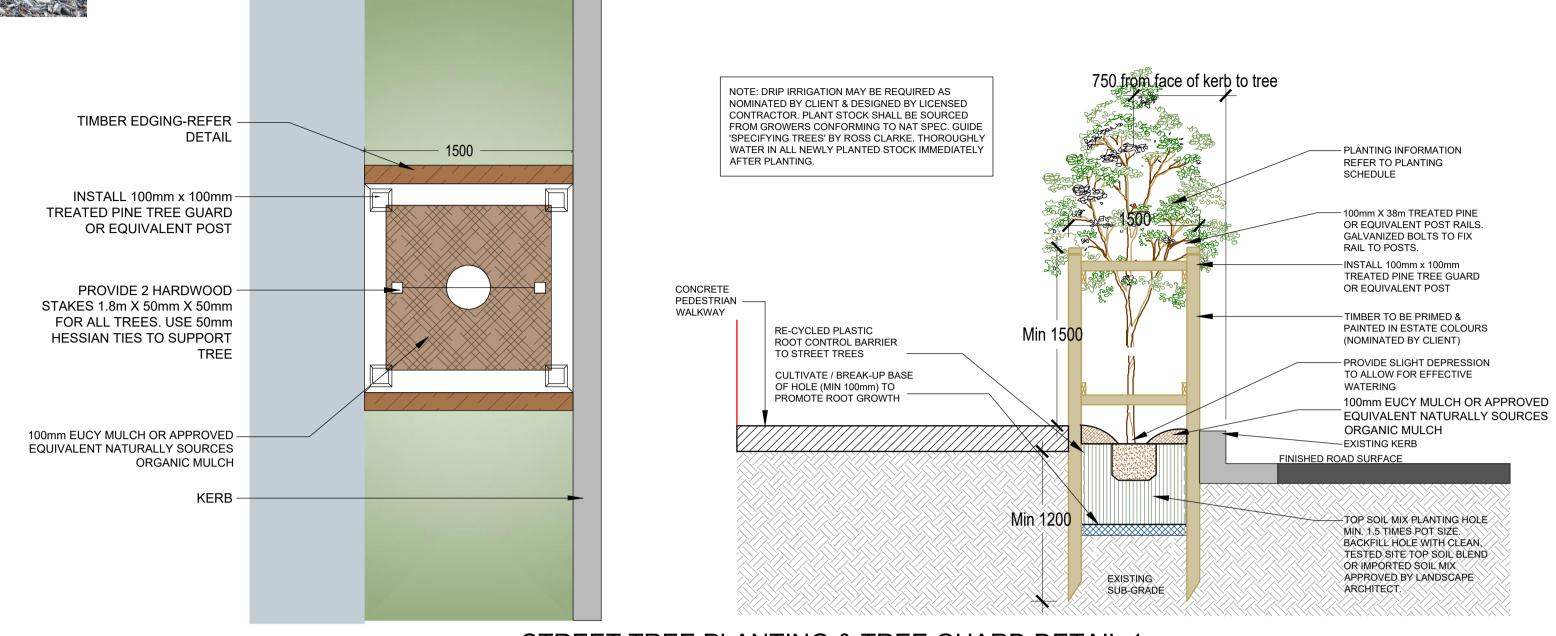
INTEGRATED DESIGN GROUP

ARCHITECT

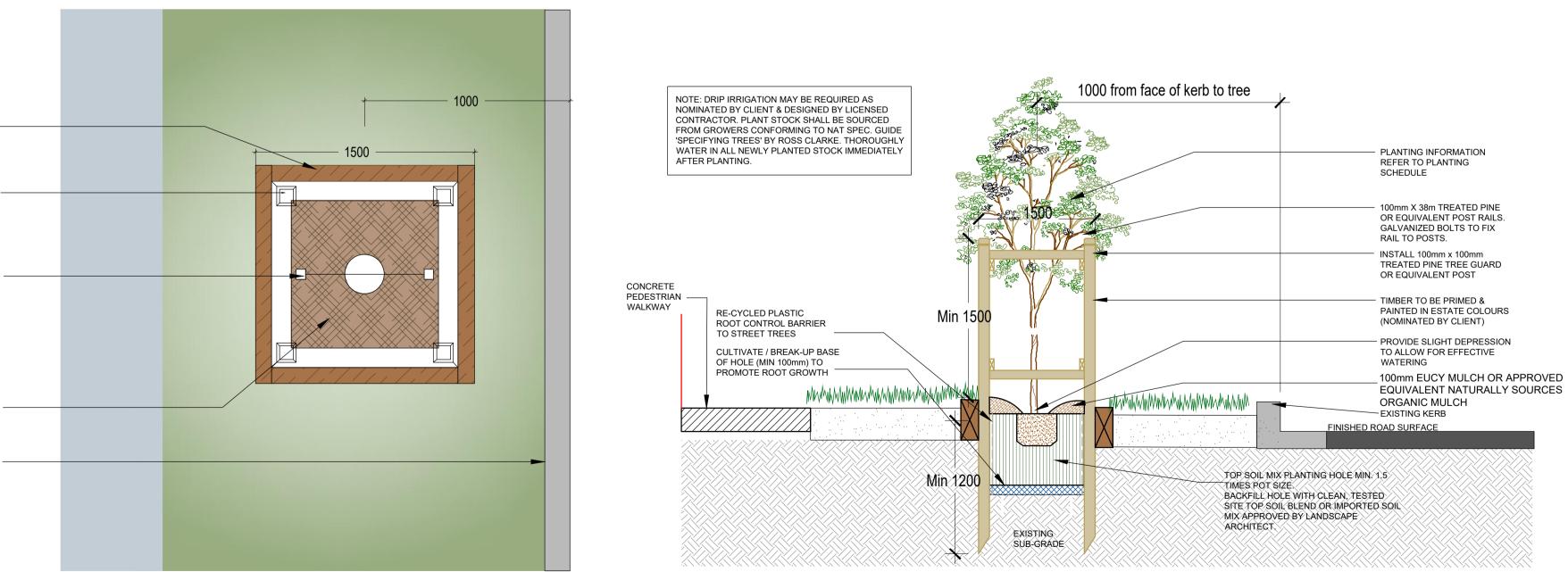






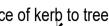


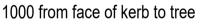
STREET TREE PLANTING & TREE GUARD DETAIL 1 N.T.S



# STREET TREE PLANTING & TREE GUARD DETAIL 2 N.T.S

COUNCIL	REV	DATE	NOTATION/AMENDMENT	PROJECT:
MID-WESTERN REGIONAL	Α	08.5.2023	Preliminary plans prepared for review	PROPOSED AFFORDABLE
	В	17.5.2023	Coordinated with comments	
	С	23.8.2023	BASIX calculation provided	HOUSING DEVELOPMENT
CLIENT	D	16.2.2024	Coordinated with updated architectural drawings	10-12 BURRUNDULLA AVE
	E	27.2.2024	Coordinated with updated SW & architectural drawings	10-12 DURRUNDULLA AVE
MID-WESTERN REGIONAL	F	06.3.2024	Final submission for DA	MUDGEE
				MODOLL





TITLE:			STATUS:	
DETAILS 2		DEVELOPMENT APPLICATION		
			SCALE:	DATE:
				MARCH 2024
DWG.No:	SHEET:	ISSUE:	DRAWN:	CHECKED:
LPDA 23- 269	6	F	L.Z	R.F
	DETAILS 2	DETAILS 2 DWG.No: SHEET:	DETAILS 2 DWG.No: SHEET: ISSUE:	DETAILS 2 DWG.No: SHEET: ISSUE: DWG.NO: DWG.NO: DWG.NO: DRAWN: DRAWN: