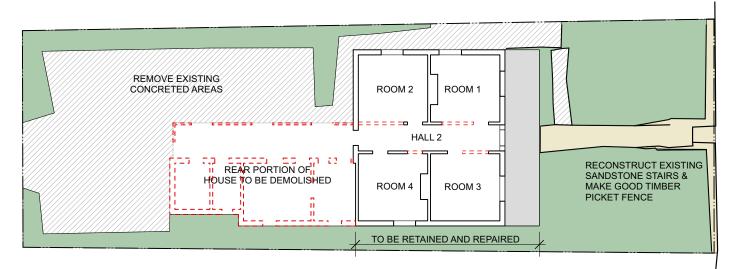
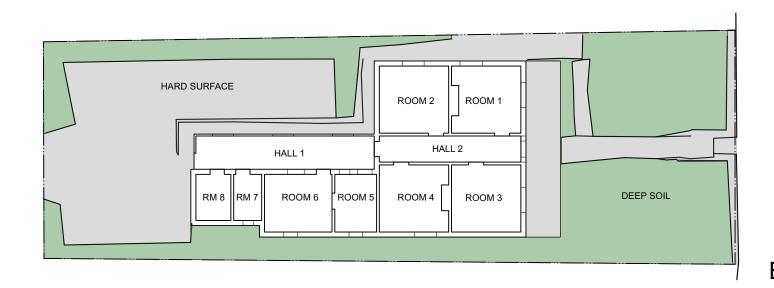
# **Attachment B**

# **Selected Drawings**

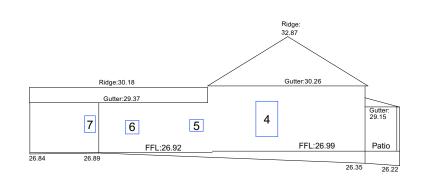


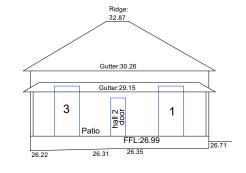
# **DEMOLITION PLAN**

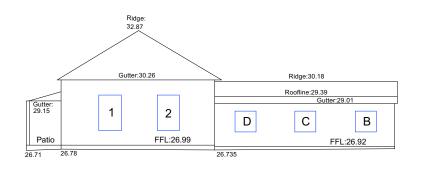


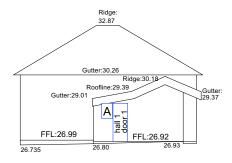
Site Area =  $436.20 \text{ m}^2$ Hard Surface =  $155.43 \text{ m}^2$ Deep Soil =  $156.75 \text{ m}^2$ 

# **EXISTING FLOOR PLAN**









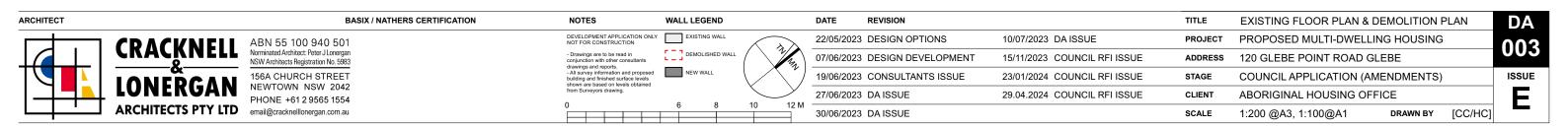
SOUTH EASTERN ELEVATION

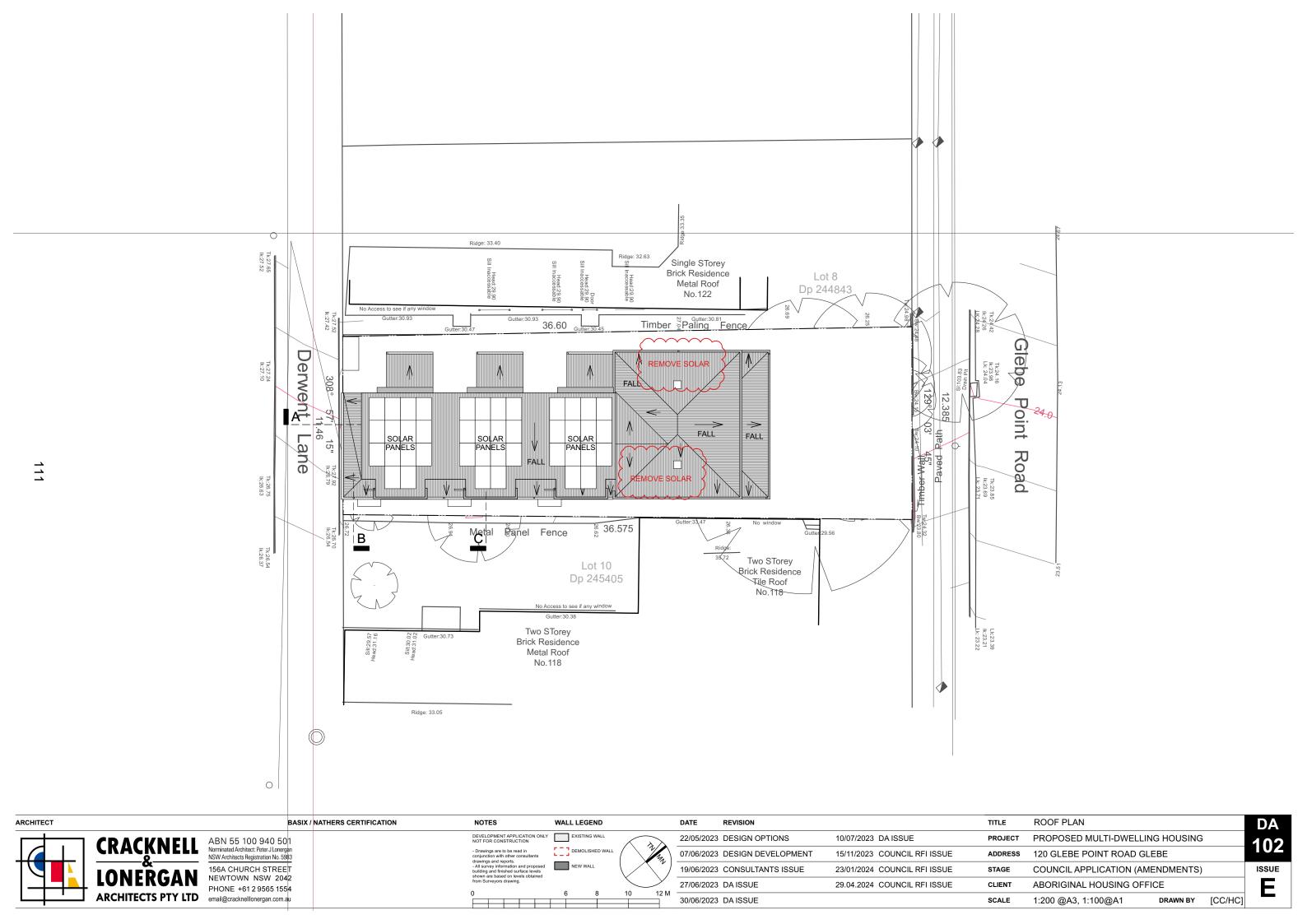
NORTH EASTERN ELEVATION

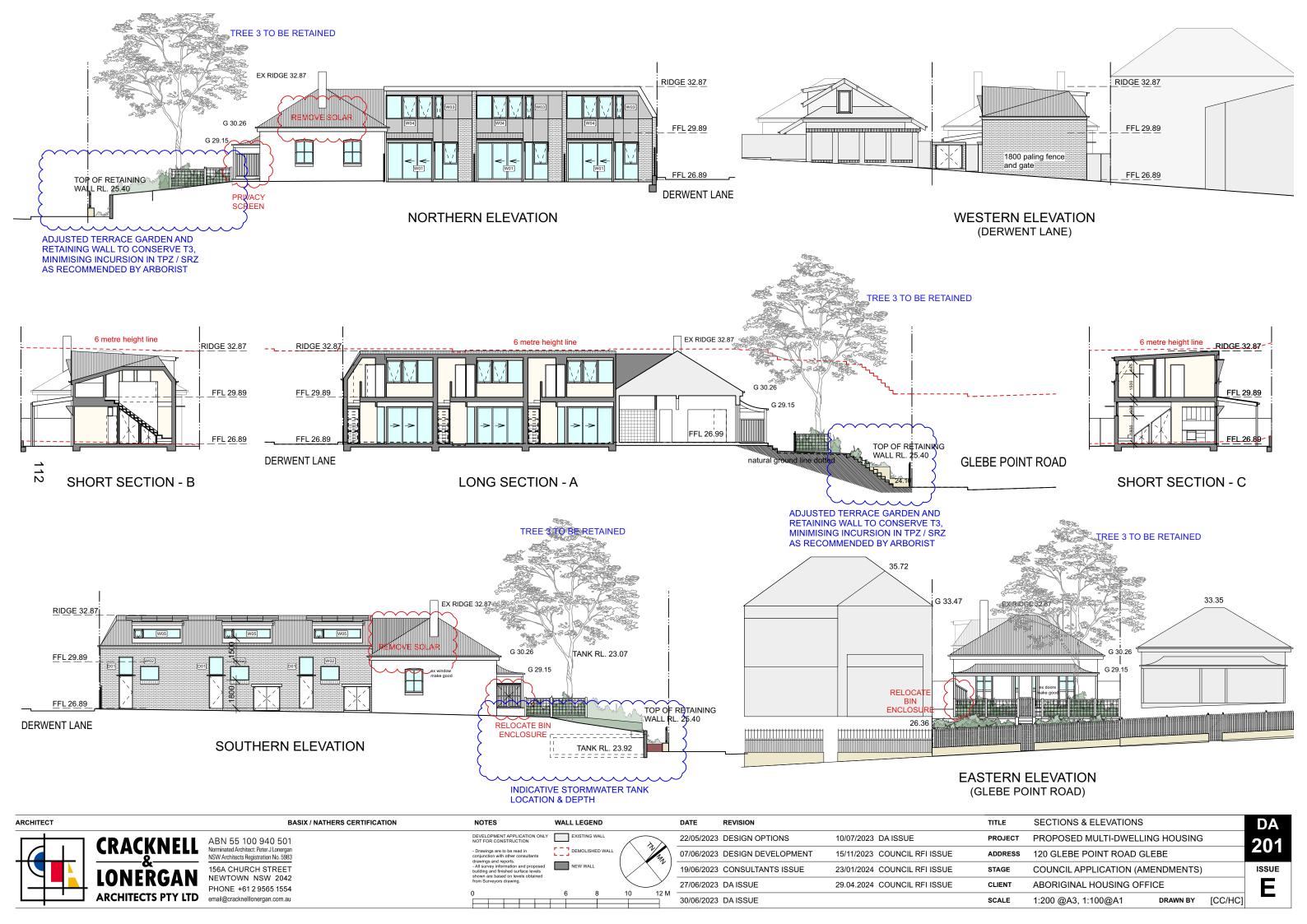
NORTH WESTERN ELEVATION

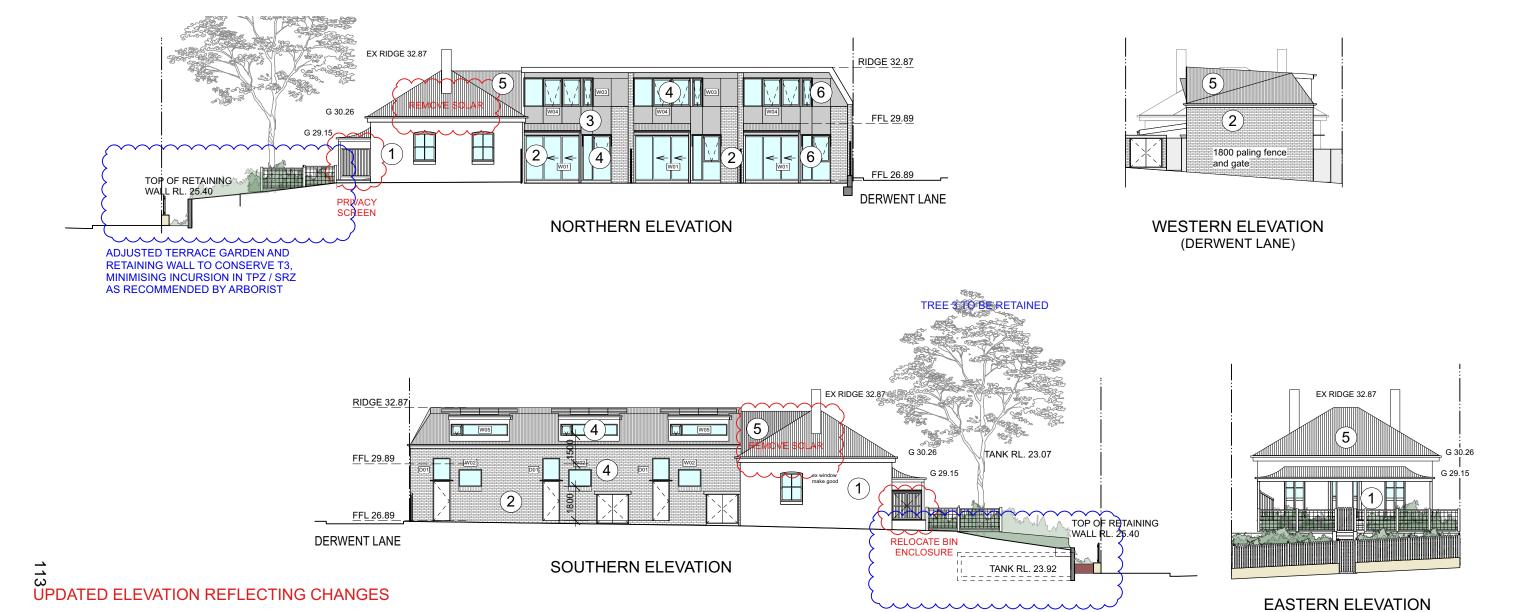
SOUTH WESTERN ELEVATION

# **EXISTING ELEVATIONS**









**MATERIALS PALETTE** 

**01. FACADE PRIMARY -**Paint Existing Rendered Wall
Render Colour Dulux - 12 B 19 Moorland

## 02. FACADE PRIMARY -

**New** Face Brickwork Austral Parkland Winchester

## 03. CLAD SURFACES

Cemintel Barestone sheeting

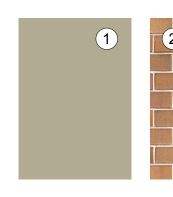
## 04. STRUCTURE & TRANSPARENCY

Full height aluminium frame windows Full height aluminium frame sliding doors

## 05. ADDITIONS NEW ROOFING

Zincalume Steel Roof Sheeting

**06. LIGHT VENTILATION**Glass louvre windows







INDICATIVE STORMWATER TANK

LOCATION & DEPTH





(GLEBE POINT ROAD)

ARCHITECT	BASIX / NATHERS CERTIFICATION	NOTES	WALL LEGEND	DATE REVISION		TITLE	MATERIALS & FINISHES	DA
	DACUNIELL ABN 55 100 940 501	DEVELOPMENT APPLICATION ONI NOT FOR CONSTRUCTION	Y EXISTING WALL	22/05/2023 DESIGN OPTIONS	10/07/2023 DA ISSUE	PROJECT	PROPOSED MULTI-DWELLING HOUSING	401
	Norminated Architect: Peter J Lonergan NSW Architects Registration No. 5983	<ul> <li>Drawings are to be read in conjunction with other consultants drawings and reports.</li> </ul>	DEMOLISHED WALL	07/06/2023 DESIGN DEVELOPMENT	15/11/2023 COUNCIL RFI ISSUE	ADDRESS	120 GLEBE POINT ROAD GLEBE	401
	ONFRGAN  156A CHURCH STREET NEWTOWN NSW 2042	All survey information and proposed building and finished surface levels shown are based on levels obtained.	NEW WALL	19/06/2023 CONSULTANTS ISSUE	23/01/2024 COUNCIL RFI ISSUE	STAGE	COUNCIL APPLICATION (AMENDMENTS)	ISSUE
<del>-   </del>	PHONE +61 2 9565 1554	from Surveyors drawing.		27/06/2023 DA ISSUE	29.04.2024 COUNCIL RFI ISSUE	CLIENT	ABORIGINAL HOUSING OFFICE	F
	RCHITECTS PTY LTD email@cracknelllonergan.com.au	0	6 8 10 12 M	30/06/2023 DA ISSUE		SCALE	1:200 @A3, 1:100@A1 DRAWN BY [CC/H	IC]



**BIN STORE PLAN** 

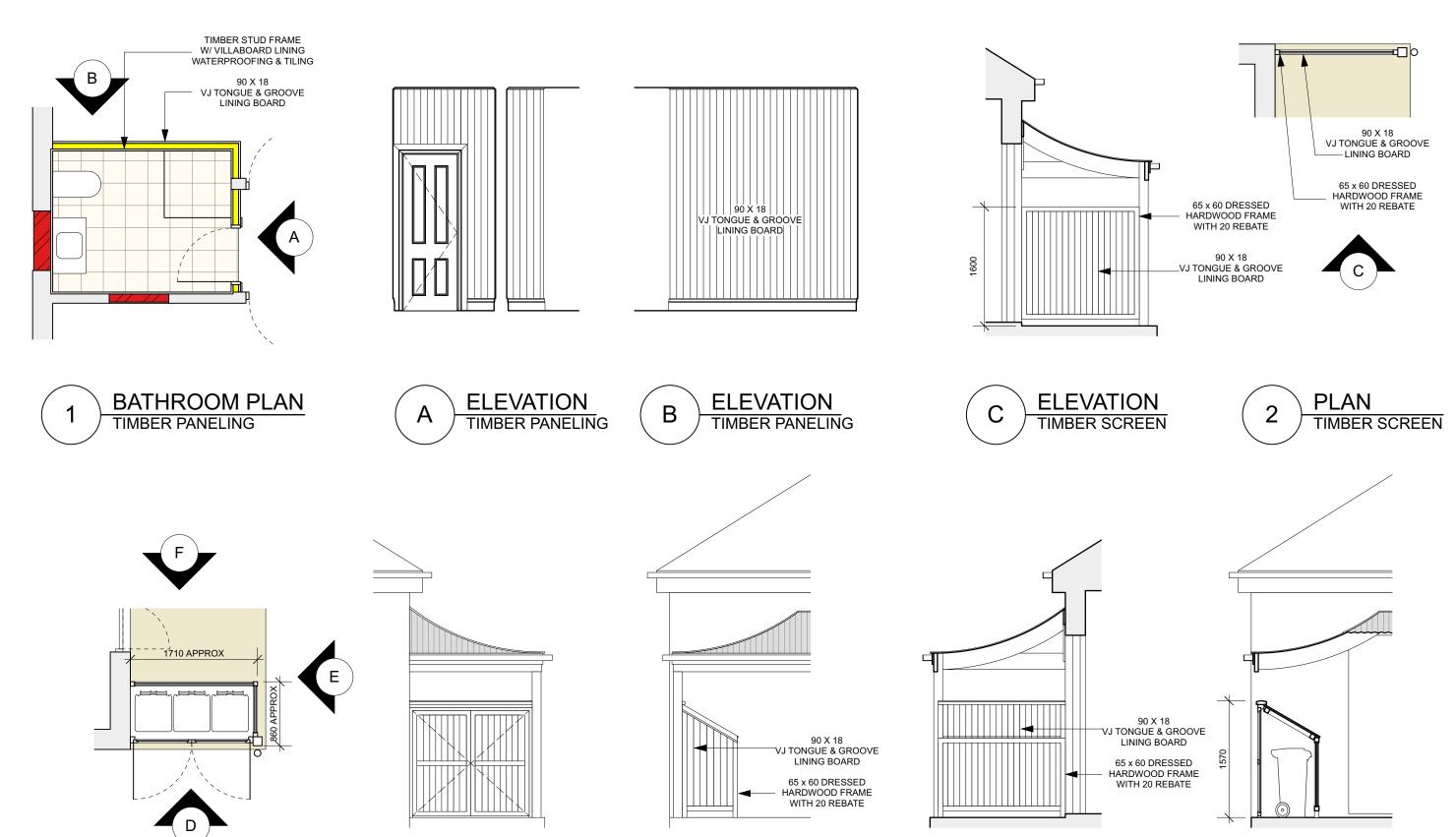
TIMBER PANELING

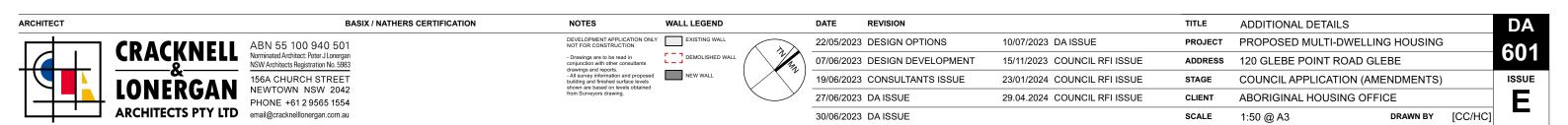
3

**ELEVATION** 

TIMBER PANELING

D





Ε

**ELEVATION** 

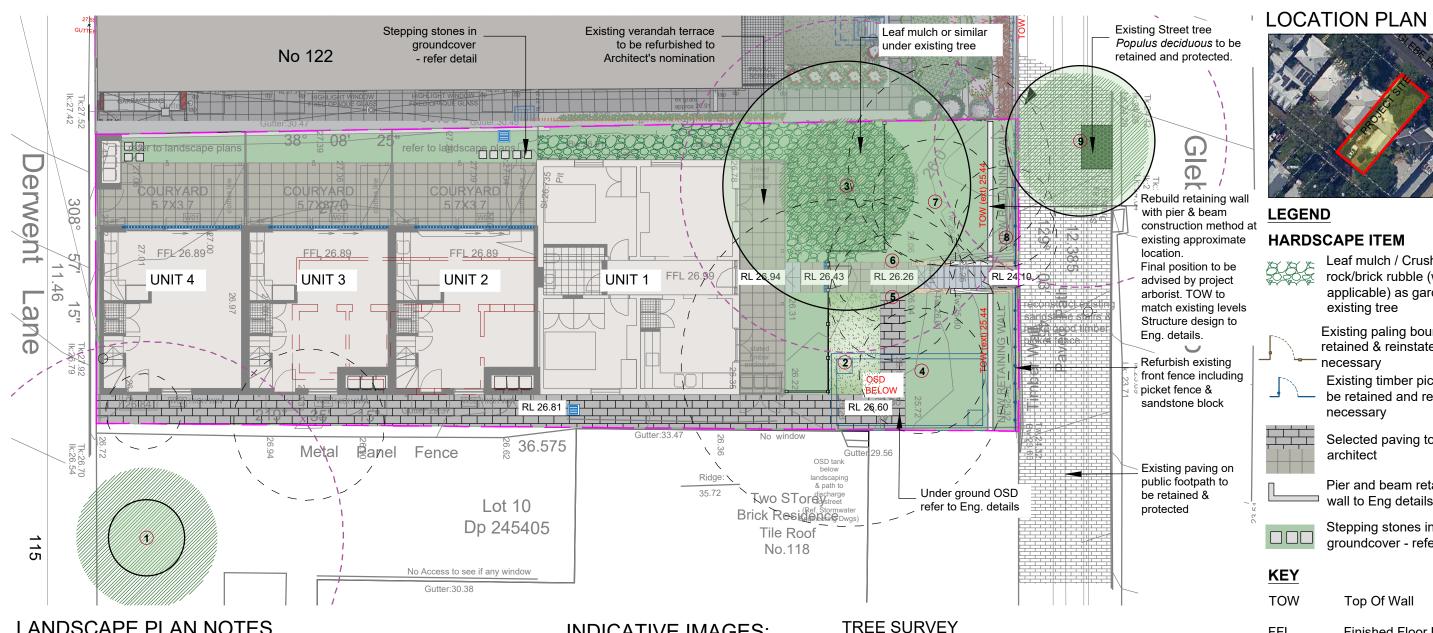
TIMBER PANELING

**ELEVATION** 

TIMBER PANELING

**SECTION** 

TIMBER PANELING



## LANDSCAPE PLAN NOTES

This plan should be read in conjunction with the architectural and hydraulics plans. Work specific to these plans should be prepared in accordance to these plans, including specification and details prior to the installation of landscaping, and should not be altered or compromised during landscape construction. Elements such as drainage swales may be incorporated in garden bed areas (using non-floatable mulch) without compromising the capacity or form.

This plan has been prepared for Development Application approval only, not for construction.

This plan has been prepared with reference to CITY OF SYDNEY Landscaping Guidelines & requirements. Planting proposed using mainly indigenous, commercially available plant species selected from local planting lists and the BASIX local plant list and from Sydney Waters "Plant Selector"web site one-drip rated native plants

## (acceptable for BASIX planting)

The Design & location of new letter boxes shall be in accordance with Australia Post's "Requirements for Delivery of Mail to Residential Premises" published Feb '97. All noxious weeds listed in Councils weed lists & located on the site shall be continually removed & suppressed. Reinstate all boundary fencing in poor condition with Council approved 1.8m fencing to rear of building line, rake to 1m forward of BL. Pollution, sediment & erosion control devices as specified shall be in place, and maintained for the duration of the construction period. Proposed excavation near existing established trees to be supervised by arborist.

CITY OF SYDNEY 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.

## **INDICATIVE IMAGES:**



MINIMALIST GRAVEL GARDEN



**EXISTIN** 

Existing Trees based on Arborists Report by Blues Bros Arboriculture prepared on 5th July 2023

No.#	Species	Size (Ht x Sp)	Condition	Action
1	Jacaranda mimosifolia	11x13	Good	Retain
2	Magnolia grandiflora	14x13	Good	Remove
3	Magnolia grandiflora	10x13	Good	Retain
4	Camellia sasangua	4x4	Good	Remove
5	Camellia sasangua	3x4	Good	Remove
6	Camellia sasanqua	3x3	Good	Remove
7	Cupressus leylandii	5x2	Moderate	Remove
8	Celtis sinensis	9x15	Good	Remove
9	Populus simonii	18x14	Moderate	Retain

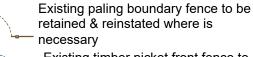
# DRAWING SCHEDULE

SHEET#	DRAWING TITLE	REV.
/1 /2 /3 /4 /5	HARDSCAPE PLAN LANDSCAPE PLAN SECTIONS DETAILS DETAILS	F F F F
/6	SPECIFICATION	F

## HARDSCAPE ITEM

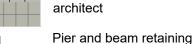


Leaf mulch / Crushed recycle site rock/brick rubble (where is applicable) as garden mulch under existing tree



Existing timber picket front fence to be retained and reinstated where is necessary

Selected paving to be nom. by



wall to Eng details. Stepping stones in

groundcover - refer detail

# **KEY**

TOW Top Of Wall

**FFL** Finished Floor Level

RLReduced Level



**Existing level** 

Boundary line

## **EXISTING TREES**



Trees proposed to be removed and replaced with new landscaping

01

DA

R.F



Existing trees proposed to be retained and protected



Gravel mulch within SRZ



Trees Protection zone



Structural root zone

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retain the right to withdraw this information from the assessment process if

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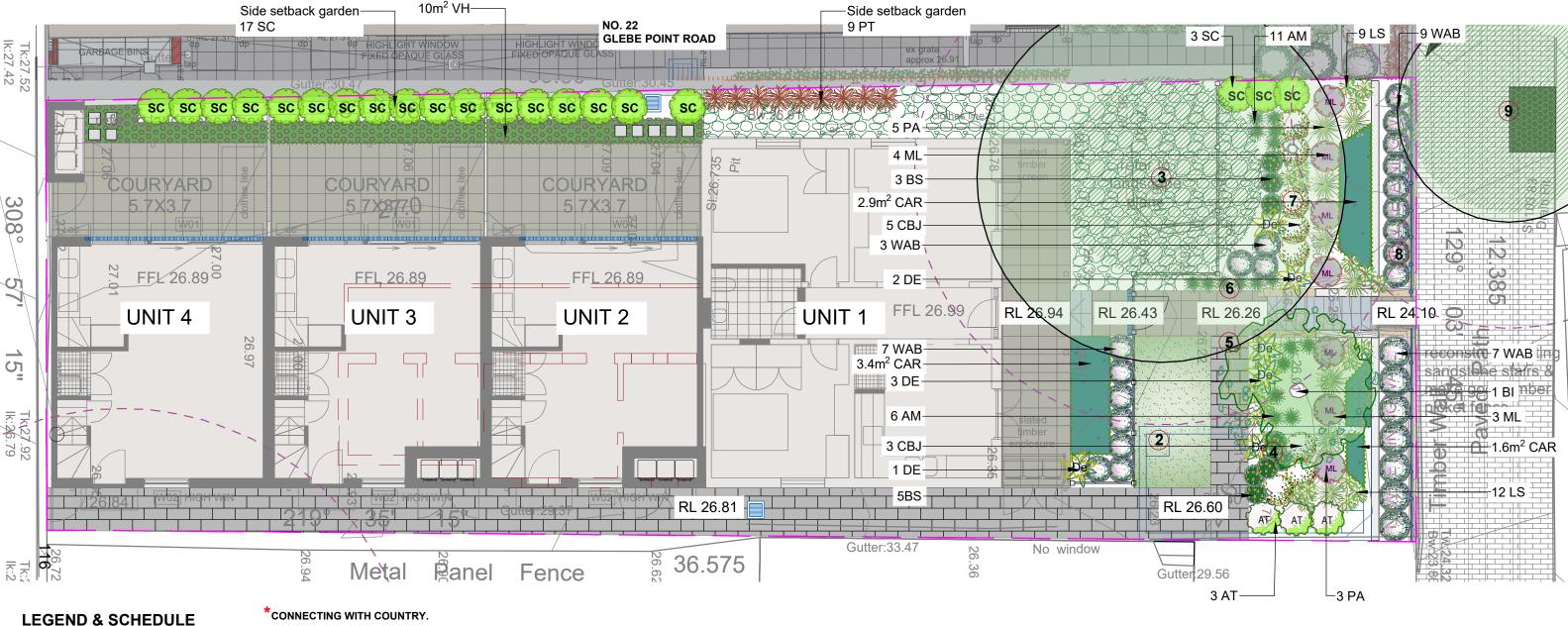


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ING	ING TREE 2				
	REV	DATE	NOTATION/AMENDMENT	COUNCIL	
	0	26.7.2023	FOR REVIEW	CITY OF SYDNEY	
	Α	15.8.2023	FOR SUBMISSION		
	В	14.9.2023	Coordinated with architect's comments.	CLIENT	
	С		Coordinated with Hyd eng's details	ABORIGINAL HOUSING OFFICE	
	D	30.1.2024	Coordinated with Architectural updates		
	Е	06.3.2024	Coordinated with Council's comments	ARCHITECT	
	F	03.5.2024	Coordinated with architectural & SW updates	CRACKNELL & LONERGAN	

# Phone: 9922 5312 conzept www.conzept.net.au Landscape Architects enquiries@conzept.net.au

	LPDA 24-15
HARDSCAPE PLAN	SCALE:
TIANDOCAL ET LAN	1:150@ A3
PROPOSED MULTI DWELLING HOUSING	DATE:
120 GLEBE POINT ROAD,	MAY 2024
GLEBE	DRAWN:
	EW/L.Z



1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSEUL 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.

SELECTED SPECIES WITH CULTURAL SIGNIFICANT TRADITIONALLY USED BY ABORIGINAL PEOPLE FOR THE PURPOSE OF EDIBLE PARTS, MEDICINAL BENEFITS, TOOLS AND FAUNA ATTRACTION ETC.

## **TREE**



**Botanical Name:** Banksia integrifolia Common Name: Coastal Banksia (Native) 75Lt (Min 1.5m Ht) Pot size: 8m x 4-5m

Mature H x S: Qty Required:

## **SHRUBS AND HEDGES**



Botanical Name: Austromyrtus Tenuifolia Common Name: Midgenberry (Native) Pot size: 200mm Mature H x S: 1-2m x 1m

Botanical Name: Banksia spinulosa

Common Name: Pot size: Mature H x S: Qty Required:

Qty Required:

cvs 'Birthday Candles' Banksia 'Birthday Candles' (Native)

300mm 1.4m x 1.4m

Botanical Name: Syzygium spp cvs 'Cascade' Common Name: Cascade Lilly Pilly (Native) 200mm Pot size:

Mature H x S: 2.5m x 1.8m Qty Required: 20

Botanical Name: Melaleuca linariifolia 'Claret Tops' Common Name: Claret tops Honey Myrtle (Native) Pot size: 300mm Mature H x S: 1m x 1.5m

**Qty Required:** Botanical Name: Callistemon cvs 'Better John'

Common Name: Better John Bottlebrush (Native) Pot size: 200mm Mature H x S: 1m x 0.9m

Qty Required: Botanical Name: Westringia 'Aussie Box' Common Name: Westringia Aussie Box (Native)

Pot size: 200mm Mature H x S: 0.9m x 0.9m Qty Required: 23

## **FEATURE PLANTS**



Botanical Name: Doryanthes excelsa Common Name: Gymea Lily (Native) 300mm

Pot size: Mature H x S: 1 1m x 1m Qty Required:



Botanical Name: Phormium tenax 'Bronze Warrior' Common Name: BW New Zealand Flax (Native) Pot size: 300mm

1.5m x 0.9m Mature H x S: Qty Required:

Botanical Name: Lomandra 'Shara' Common Name: Mat Rush (Native) Pot size: 150mm Mature H x S: 0.5m x 0.5m Qty Required: 21

Botanical Name: Pennisetum alopecuroides Common Name: Swamp Foxtail (Native)

Pot size: 200mm Mature H x S: 1m x 1m Oty Required:

# **GRASSES / GROUNDCOVERS**

Botanical Name: Arthropodium milleflorum Common Name: Vanilla Lily (Native) Pot size: 140mm

Mature H x S: 0.3-1m x 0.4m Qty Required: 17



Botanical Name: Carpobrotus cvs 'Aussie Rambler' Common Name: Aussie Rambler Pigface (Native)

Tube stock Mature H x S: 0.25m x spreading 56 (7per m<sup>2</sup>@ 8m<sup>2</sup>) Qty Required:

Botanical Name: Viola hederacea Common Name: Native Violet (Native) Tube stock

Pot size: Mature H x S: 0.1m x spreading 70 (7per m<sup>2</sup>@ 10m<sup>2</sup>) Qty Required:

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	REV	DATE
	0	26.7.2
5	Α	15.8.2
	В	14.9.2
	С	8.12.2
$\langle 1 \rangle$	D	30.1.2
	Е	06.3.2
	F	03.5.2

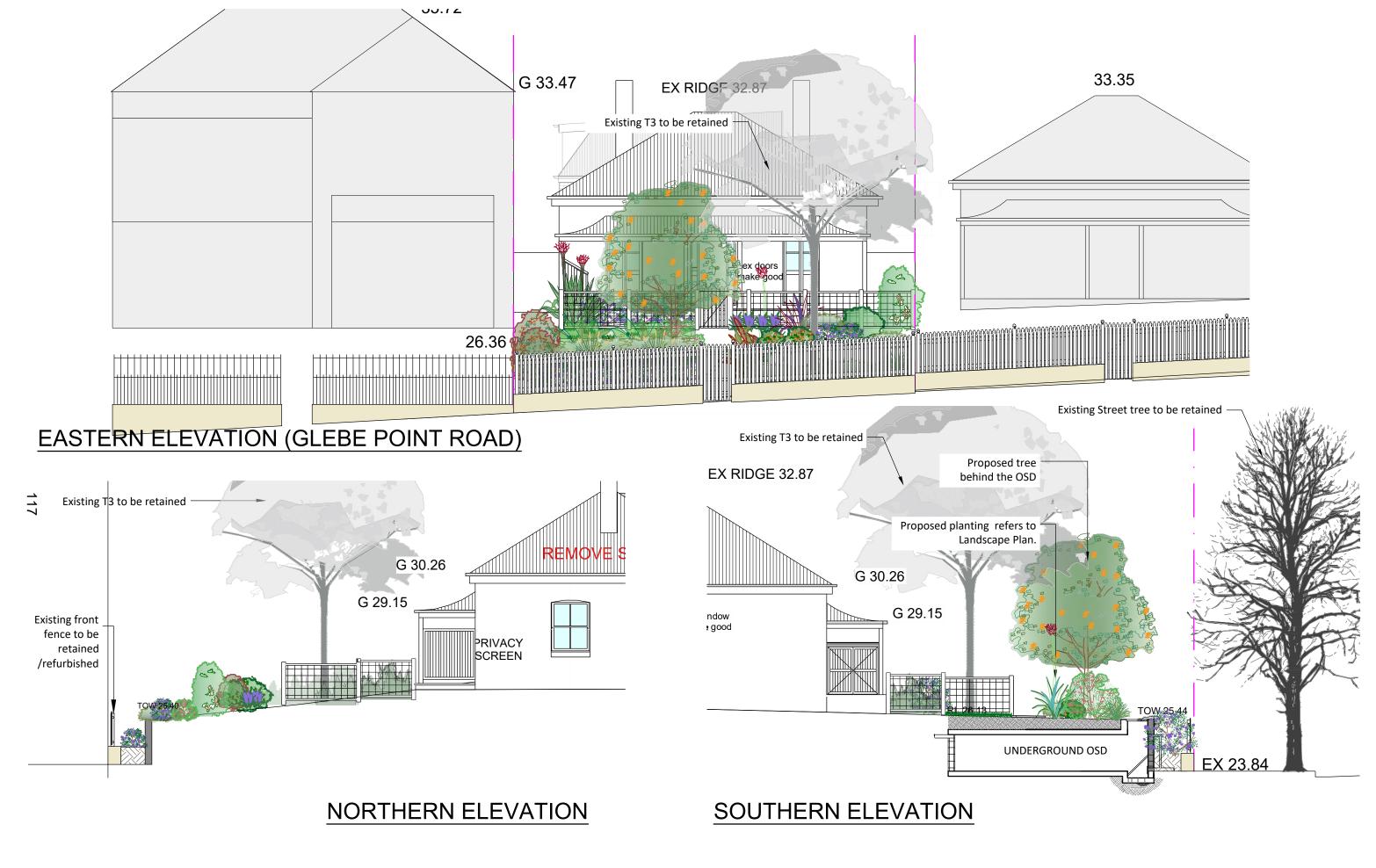
			aty required
REV	DATE	NOTATION/AMENDMENT	COUNCIL
0	26.7.2023	FOR REVIEW	CITY OF SYDNEY
Α	15.8.2023	FOR SUBMISSION	
В	14.9.2023	Coordinated with architect's comments.	CLIENT
		Coordinated with Hyd eng's details	ABORIGINAL HOUSING OFFICE
		Coordinated with Architectural updates	
Е	06.3.2024	Coordinated with Council's comments	ARCHITECT
F	03.5.2024	Coordinated with architectural & SW updates	CRACKNELL & LONERGAN



LANDSCAPE PLAN hone: 9922 5312

PROPOSED MULTI DWELLING HOU 120 GLEBE POINT ROAD, GLEBE

	DWG No:	SHEET No:
	LPDA 24-15	02
	SCALE:	STATUS:
	1:100@ A3	DA
JSING	DATE:	ISSUE:
	MAY 2024	F
	DRAWN:	CHECKED:
	EW/L.Z	R.F



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#### NOTATION/AMENDMENT REV DATE 0 26.7.2023 FOR REVIEW CITY OF SYDNEY A 15.8.2023 FOR SUBMISSION B | 14.9.2023 | Coordinated with architect's comments 8.12.2023 Coordinated with Hyd eng's details ABORIGINAL HOUSING OFFICE D 30.1.2024 Coordinated with Architectural updates E 06.3.2024 Coordinated with Council's comments F 03.5.2024 Coordinated with architectural & SW updates **CRACKNELL & LONERGAN**

# Suit 101, 506 Miller Street, CAMMERAY NSW 2062 Fax: 8209 4982 Mob: 0413 861 351

# **ELEVATIONS**

PROPOSED MULTI DWELLING HOUS 120 GLEBE POINT ROAD,

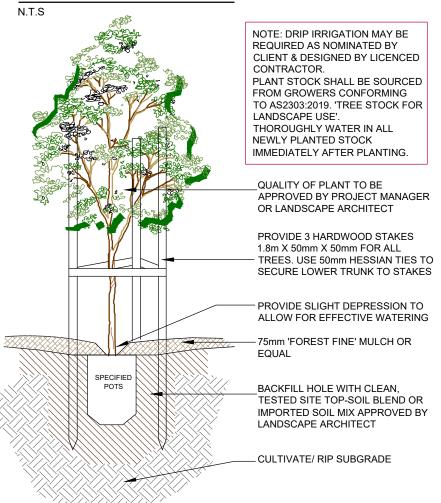
	DWG No:	SHEET No:
	LPDA 24-15	03
	SCALE:	STATUS:
	1:100@ A3	DA
SING	DATE:	ISSUE:
	MAY 2024	F
	DRAWN:	CHECKED:
	EW/L.Z	R.F



- CLOTH (IF REQUIRED) ATTACHED, HELD IN PLACE WITH CONCRÉTE FEET
- 2. ALTERNATIVE PLYWOOD OR WOODEN PALING FENCE PANELS. THE FENCING MATERIAL ALSO PREVENTS BUILDING MATERIALS OR SOIL ENTERING THE TPZ
- 3. MULCH INSTALLATION ACROSS SURFACE OF TPZ (AT THE DISCRETION OF THE PROJECT ARBORIST). NO EXCAVATION CONSTRUCTION ACTIVITY, GRADE CHANGES, SURFACE TREATMENT OR STORAGE OF MATERIALS OF ANY KIND IS PERMITTED WITHIN THE TPZ
- 4. BRACING IS PERMISSIBLE WITHIN THE TPZ. INSTALLATION OF SUPPORTS TO AVOID DAMAGING ROOTS
- 5. PRUNING & MAINTENANCE TO TREE REFER TO AS 4373-2007 PRUNING OF AMENITY TREES

PROVIDE FENCING AS DETAILED TO ALL TREES PROPOSED TO BE RETAINED ON THE SUBJECT SITE. FENCING TO BE LOCATED TO THE DRIP LINE OF TREES OR AS INDICATED ON PLANS OR DIRECTED ON-SITE BY ARBORIST. NO STOCKPILING WITHIN FENCE PERIMETERS.

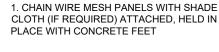
## TREE PROTECTION ZONE

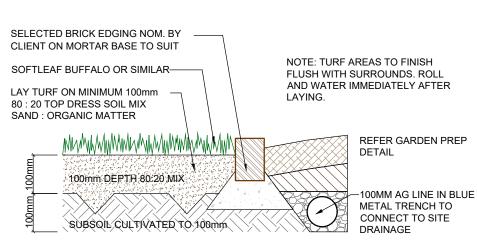


## TREE PLANTING DETAIL

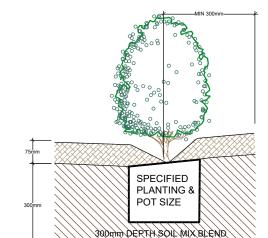
SCALE: NTS

(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)





## TYPICAL TURF AND BRICK EDGE DETAIL



SUBSOIL CULTIVATED TO 100mm

TYPICAL SETBACK FROM

LAWN/GARDEN EDGE

THIS DETAIL IS 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

75mm DEPTH "FOREST FINE" MULCH OR EQUIVALENT

### SOIL MIX:

50% OF STOCKPILED SITE TOPSOIL FREE FROM ALL BUILDER'S **RUBBISH AND DELETERIOUS** MATERIALS. TOPSOIL TO BE MIXED WITH MINIMUM 50% IMPORTED GARDEN MIX OR SOIL CONDITIONER/ COMPOSTED ORGANIC MATTER - SEE SPEC. USE 100% IMPORTED SOIL MIX WHEN SITE TOPSOIL RUNS OUT.

## TYPICAL GARDEN PREPARATION DETAIL

NOTE: TYPICAL DETAIL ONLY. ALL WALLS WHICH FORM PART OF DRAINAGE WORKS MUST BE BUILT AS DETAILED BY THE HYDRAULIC ENGINEER. ALL WALLS EXCEEDING 800mm SHALL BE OF NO TIMBER CONSTRUCTION MATERIALS, CONSTRUCTION DETAILS TO BE PROVIDED BY A QUALIFIED ENGINEER. INSTALL WALL TO SUIT SITE LEVELS AND TO MANUFACTURE'S SPECIFICATION. 100mm X 200mm CONCRETE -STEEL 'H' BEAM POSTS LOCATED TO SLEEPERS FIXED WITH GALV. MISS ANY EXISTING FIG TREE ROOTS **BOLTS SELECTED TO SUIT** IMAGE: GORILLAWALL MAX SPACING AS PER MANUFACTURER'S SPECIFICATION STEEL 'H' BEAM GALV POSTS IN CONCRETE **FOOTINGS TO SUIT** INDICATIVE IMAGE: CONCRETE SLEEPER WITH TIMBER TEXTURE FINISH. FINAL FINISHES MAY VARY SUBJECTED TO APPROVAL

## TYPICAL 'H' BEAM CONCRETE SLEEPER WALL APPROX NTS

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REV	DATE	NOTATION/AMENDMENT	COUNCIL
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В	14.9.2023	Coordinated with architect's comments.	CLIENT
С	8.12.2023	Coordinated with Hyd eng's details	ABORIGINAL HOUSING OFFICE
D	30.1.2024	Coordinated with Architectural updates	17.000.00.00.00.00.00.00.00.00.00.00.00.0
Е	06.3.2024	Coordinated with Council's comments	ARCHITECT
F	03.5.2024	Coordinated with architectural & SW updates	CRACKNELL & LONERGAN
			1

# 506 Miller Stree CAMMERAY NSW 2062 hone: 9922 5312 CONZEPT www.conzept.net.au Landscape Architects enquiries@conzept.neta

# **DETAILS**

COMPACT FOOTING FOR POSTS

LPDA 24-15 1:150@ A3 PROPOSED MULTI DWELLING HOUSING 120 GLEBE POINT ROAD, MAY 2024 **GLEBE** EW/L.Z

DA

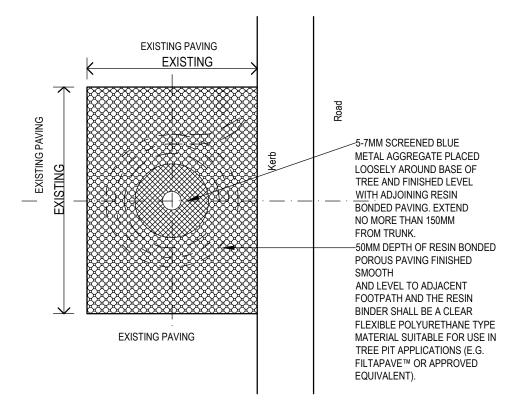
R.F

SELECTED PERMEABLE PAVING SHALL HAVE

COMPACTED SUB-GRADE

HvdroSTON 80 PAVERS BASE COURSE 5-20MM CRUSHED AGGREGATE (NO FINES)

# PERMEABLE PAVING DETAIL



# RESIN BONDED POROUS PAVING TO **EXISTING TREE PIT**

SCALE NTS

(CITY OF SYDNEY TECHNICAL GUIDELINES STREET TREE MASTER PLAN 2023)

## CAPACITY FOR VEHICLE WEIGHT AND MOVEMENT. EDGE RESTRAINT (CONCRETE THIS IS A TYPICAL DETAIL ONLY - INSTALL TO STRIP OR EQUIV.) ALONG MANUFACTURERS DETAIL AND SPEC. PERIMETER TO LOCK-IN **ASSEMBLY** -4MM JOINTS FILLED WITH 1-3MM BASALT -2-5MM NO-FINES BASALT AGGREGATE BEDDING COURSE -NON-WOVEN GEO-FABRIC

# STEPPING STONES IN GROUNDCOVER PLANTING

COMPACTED EARTH UNDER

**SCALE 1:10** 

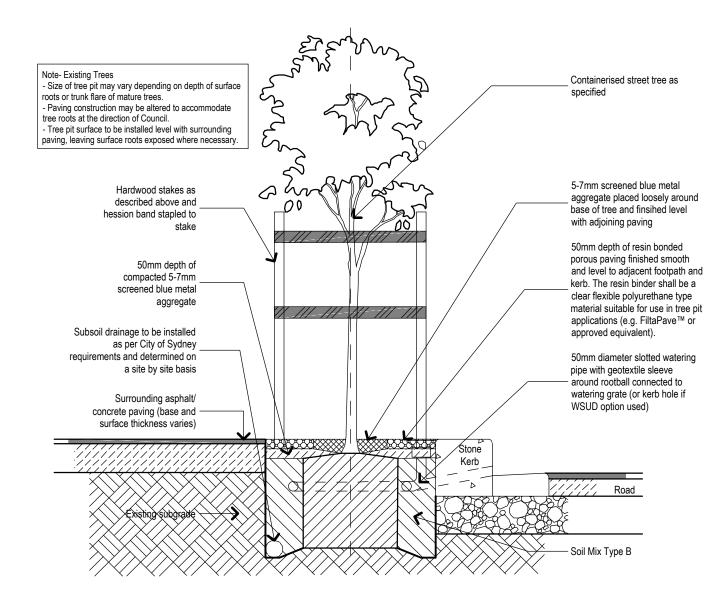
CONCRETE PAD UNDER

400mm x 400mm CONCRETE

STEPPING STONES

STEPPING STONES

SELECTED BY CLIENT



### General Notes:

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REV	DATE	NOTATION/AMENDMENT	COUNCIL
0	26.7.2023	FOR REVIEW	CITY OF SYDNEY
Α	15.8.2023	FOR SUBMISSION	
В	14.9.2023	Coordinated with architect's comments.	CLIENT
С	8.12.2023	Coordinated with Hyd eng's details	ABORIGINAL HOUSING OFFICE
D	30.1.2024	Coordinated with Architectural updates	7.001.001.0001.0001.100
Е	06.3.2024	Coordinated with Council's comments	ARCHITECT
F	03.5.2024	Coordinated with architectural & SW updates	CRACKNELL & LONERGAN

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POCKET PLANTING BETWEEN

STEPPING STONES - REFER

LANDSCAPE PLAN

**DETAILS** PROPOSED MULTI DWELLING HOUSING 120 GLEBE POINT ROAD,

**GLEBE** 

LPDA 24-15 05 1:150@ A3 DA MAY 2024 EW/L.Z R.F

#### **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, 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.

#### 1.02 PROTECTION OF ADJACENT FINISHES

The Contractor shall take all precautions to prevent damage to all or any adjacent finishes by providing adequate protection 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 so in accordance with AS 4970-2009 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

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.

Temporary 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

#### 1.04 EROSION & POLLUTION CONTROL

The 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 characteristics of the site.

- 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
- Earth banks to prevent scour of stockpiles
- 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 'Guidelines for Erosion and Sediment Control on Building Sites' by DLWC (2000) for construction techniques

## SQIL WORKS



## Specified Soil Conditioner (Generally to improve site soil)

The specified soil conditioner for site top-soil improvement shall be an organic mix complies with AS 4454-2012 Composts, soil conditioners and mulches. Note that for sites where soil testing indicates toxins or extremes in pH, or soils that are extremely poor, allow to excavate 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 soil. All mixes are to comply with AS4419-2003 Soils for Landscaping and garden use, & AS 4454 Composts, Soil conditioners & mulches.

### Specified Soil Mix - Turf

The specified soil mix for all turf areas shall be a min 75mm layer 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 other approved lawn top dress.

Site Topsoil

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

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

### Testing

All testing is to be conducted in accordance with AS4419-2003 Soils for Landscaping and garden use Methods for testing soils for engineering purposes. Site soil 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 suit

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

### 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.

### Establishing Subgrade Levels

Subgrade levels are defined as the finished base levels prior to the placement of the specified material (i.e. soil conditioner). 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 previously 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 the placement of the final specified soil

#### Drainage Works

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

### 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 eq
- 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.

#### PI ANTING

#### 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 2303:2019 Tree stock for landscape use. Certification that trees have been grown to AS2303:2018 guidelines is to be provided upon request of Council's Tree Management

#### 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 AS2303:2019.

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.

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

Mulch shall be an approved equal to "FOREST FINE" as supplied by ANL. Mulch shall be completely free from any soil, weeds, rubbish or other debris

Turf shall be soft leaf Buffalo or equivalent (unless stated otherwise), free from any weeds and other grasses, and be in a healthy growing

#### 3.02 INSTALLATION

#### 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.

### 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
Mulch for general planter bed shall be an approved equal to "FOREST FINE" as supplied by ANL. 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.

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

### BRICK FOGING

Where is required, the Contractor shall install brick 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.

#### Nature Strip and public domain works 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. Where council policy specifies a particular unit payer, material finish, pattern or treatment, it shall be the contractors responsibility to check and verify that this material & treatment is correct and current prior to undertaking construction works'

### Drainage pit

Drainage pits and drainage lines should be located within garden areas to allow for site drainage while minimising impact on the proposed planting scheme. where possible, pits and linework should be located at the edge of landscape strips to avoid precluding planting centrally in garden areas. where pits and linework occur within garden beds, the landscape contractor shall take all precautions to avoid damaging storm water when planting shrubs and trees. landscape contractors shall not alter the form of swales designed to direct overland flow.

REV DATE NOTATION/AMENDMENT

#### 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

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 minate 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

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 on 1300 886 235.

#### IRRIGATION WORKS

the Landscape Architect.

#### 5.01 GENERAL (PERFORMANCE SPECIFICATION)

This is a general Irrigation Performance Specification only, as a guide for projects requiring irrigation systems as part of consent requirements or building contractual arrangements.

An automated irrigation system is recommended for the effective establishment of new gardens, and to assist with the success of planting areas on terraces, over slabs and in Communal Open Spaces.

The inclusion of this general specification is no guarantee that an irrigation system forms part of the landscape scope of works, which will be determined by the building contract.

New irrigation systems to planting areas shall be a Commercial Grade Irrigation System conforming to all relevant Australian standards, including AS 3500 & the Gas and Electricity (Consumer Safety) Act 2017, Workplace Health & Safety Act 2011, & 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. 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.

<u>Drawings:</u>
- The Landscape Contractor nominated Licensed Irrigation Specialist shall provide irrigation drawings for approval upon engagement.

#### Design Requirements:

The irrigation system shall be installed prior to all planting works. It shall incorporate a commercially available irrigation system, with sub-surface dripper lines to irrigate all gardens, planters and lawn areas.

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

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

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

- The landscape contractor shall check the existing pressure available from the ring mains and size irrigation piping to suit. Supply shall be from local hose cock where available
- All piping and fittings shall be buried 50mm below the finished soil levels in garden and lawn areas, and secured in position at 500mm centres with galv wire pins
- Size of pipes shall be selected to ensure the working pressure at the end of the line does not decrease by more than 5%

#### Services Co-ordination:

Co-ordination required by Landscape Contractor or Project Manager to provide required conduit, pipe work and penetration through slabs and planter walls for water and power provisions

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

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

#### Testing & Defects

on of installation, the system shall be tested, including

- Main Line Pressure Test: The main line is pressurised to test for leaks. All valves are shut and the pressure is taken over a determined length of time
- Dripper Pressure Test: Measurement at flushing valves are taken and the pressure gauged to make sure it conforms to the manufacturer recommendations. The inlet pressure is then tested under the same conditions to check it does not exceed 300Kpa. - All components are to be satisfactorily functional and operational prior to approval. Should any defect develop, or the capacity or efficiency of the system decline during the agreed maintenance system, then these faults shall be immediately rectified.

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

Further Documentation:
On request, a detailed irrigation performance specification report can be issued.

### **CONSOLIDATION AND MAINTENANCE**

### 6.01 GENERAL

The consolidation and maintenance period shall be either

- 6 months beginning from the approved completion of the specified construction work (Practical Completion) as agreed to in the landscape contractors contractual obligations.
- or as specified by Council in the Determination.

A qualified landscape maintenance contractor shall undertake the required landscape maintenance works. Consolidation and maintenance shall mean the care and maintenance of Contracted works by accepted landscaping or horticultural practices, ensuring that all plants are in optimum growing conditions and appearance at all times, as well as rectifying any defects that become apparent in the contracted works.

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

- Watering all planting and lawn areas / irrigation maintenance
- Clearing litter and other debris from landscaped areas. Removing weeds, pruning and general plant maintenance.
- Replacement of damaged, stolen or unhealthy plants. Make good areas of soil subsidence or erosion Topping up of mulched areas.
- Spray / treatment for Insect and disease control.
  Fertilizing with approved fertilizers at correct rates.
- Mowing lawns & trimming edges each 14 days in summer or 18 days in winter Adjusting ties to Stakes

Maintenance of all paving, retaining and hardscape elements

On the completion of the maintenance period, the landscape works shall be inspected and at the satisfaction of the superintendent or landscape architect, the responsibility will be signed over to the client.

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SPECIFICATION 120 GLEBE POINT ROAD. **GLEBE** 

LPDA 24-15 06 DA PROPOSED MULTI DWELLING HOUSING MAY 2024 F EW/L.Z R.F