

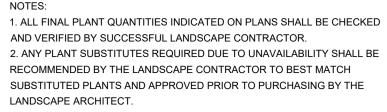


+34,500:8

SB 45.66

RAMP

RAMP



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 5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID

DAMAGE AND CLASHING WITH SURFACE ROOTS 6. STREET TREE SPECIES SELECTED FROM WOLLONGONG CITY COUNCIL'S

CITY CENTRE PUBLIC DOMAIN TECHNICAL MANUAL 7. INDIGENOUS SPECIES SELECTED FROM WOLLONGONG BOTANIC

GARDEN'S LIST OF GROWING ILLAWARRA NATIVES MARKED AS * SHRUBS & HEDGES

Botanical Name: Callistemon 'Better John' Common Name: Better John Bottlebrush (Native) 200mm Pot size:

Botanical Name: Goodenia ovata * Common Name: Hop Goodenia (Indigenous) 200mm Pot size:

Qty Required: FERNS & FEATURE

Botanical Name: Cyathea australis CYA Cya Pot size: **Mature H x S:** 2.5-5m x 3m Qty Required: 5

Common Name: Native Ginger (Native)

Qty Required: 21 Botanical Name: Zamia furfuracea Pot size: 200mm **Mature H x S:** 1m x 1.25m

Qty Required: 48 Pot size: 200mm

Pot size:

Mature H x S: 1m x 0.9m Qty Required: 10

Mature H x S: 1m x 1m

Common Name: Rough Tree Fern (Native)

45Lt (Min 1m trunk) Botanical Name: Alpinia caerulea

Pot size: 200mm **Mature H x S:** 1.5m x 1-1.5m Common Name: Cardboard Palm (Exotic)

Qty Required: 14 Botanical Name: Asplenium australasicum Common Name: Birds Nest Fern (Native)

Mature H x S: 1m x 1.4m Qty Required: 20 Botanical Name: Blechnum cartilagineum * 200mm

wind and rooftop locations, it is recommended that an approved root ball anchoring system equal to 'Platipus Anchors' shall be used. specification'

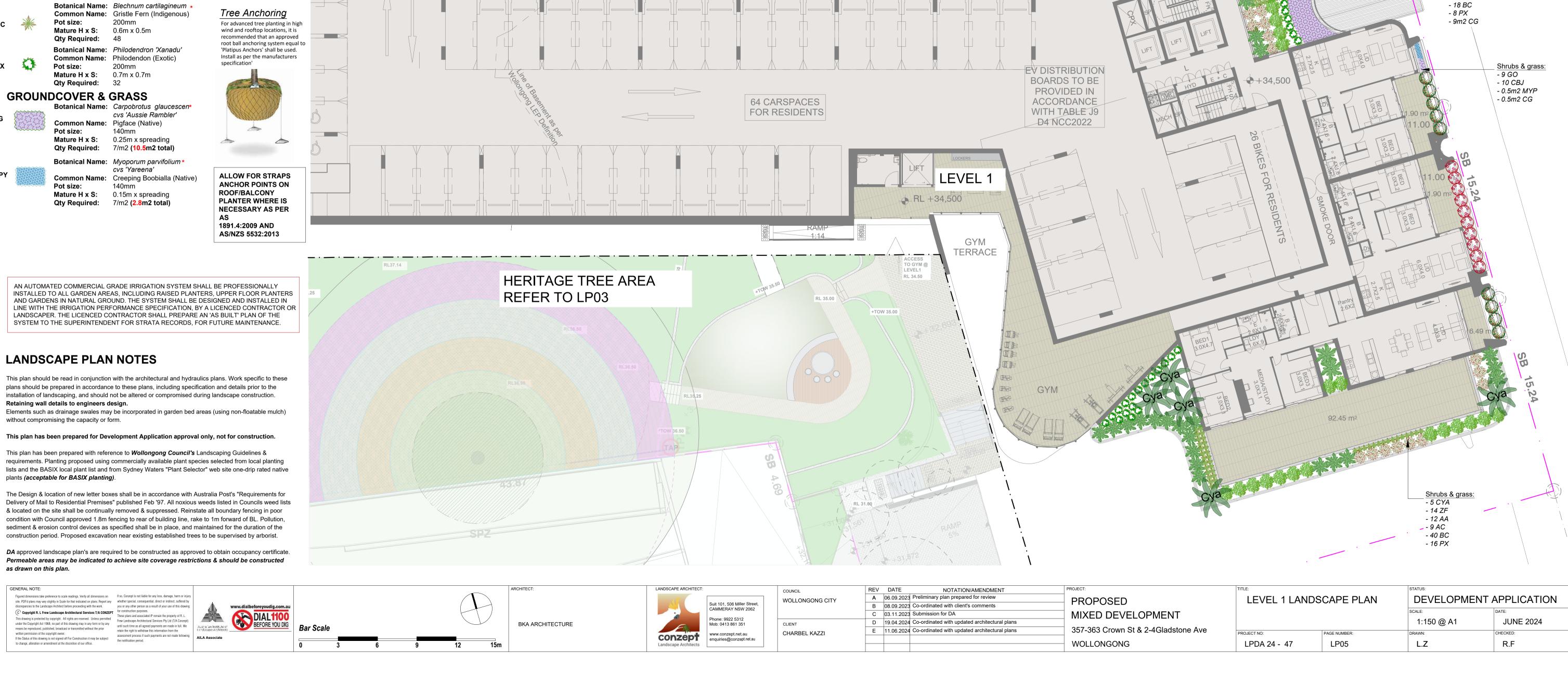
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SB

Shrubs & grass:

FOR RESIDENTS

- 5 AA

- 6 AC

- 8 PX

- 2m2 MPY

11.90 m²

6.0X4.0

2.7X2.5

TITLE:		STATUS:		
LEVEL 1 LANDSCAPE PLAN		DEVELOPMENT APPLICATION		
		SCALE:	DATE:	
		1:150 @ A1	JUNE 2024	
PROJECT NO:	PAGE NUMBER:	DRAWN:	CHECKED:	
LPDA 24 - 47	LP05	L.Z	R.F	

Groundover:

- 1m2 CG

- 0.8m2 MPY

BLD

Shrubs & grass:

- 3 AA

- 6 AC

LEGEND & SCHEDULE

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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. STREET TREE SPECIES SELECTED FROM WOLLONGONG CITY COUNCIL'S CITY CENTRE PUBLIC DOMAIN TECHNICAL MANUAL

7. INDIGENOUS SPECIES SELECTED FROM WOLLONGONG BOTANIC GARDEN'S LIST OF GROWING ILLAWARRA NATIVES MARKED AS *

SHRUBS & HEDGES



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

Pot size:

Qty Required: 48

Mature H x S: 1m x 1m Qty Required: 27

Botanical Name: Rhaphis excelsa Common Name: Rhaphis Palm (Exotic) 200mm Pot size: **Mature H x S:** 3m x 1.5m Qty Required:

Pot size:

Qty Required: 16 Pot size:

Qty Required: 7/m2 (7.5m2 total)

Qty Required: 7/m2 (3m2 total)

Pot size: Mature H x S: 0.15m x spreading

Botanical Name: Callistemon 'Better John'

Qty Required: 27 Botanical Name: Goodenia ovata * Common Name: Hop Goodenia (Indigenous) 200mm

FERNS & FEATURE

Botanical Name: Doodia aspera Common Name: Prickly Rasp Fern (Native) 150mm **Mature H x S:** 0.4m x 0.5m

Botanical Name: Asplenium australasicum Common Name: Birds Nest Fern (Native) 200mm Pot size: **Mature H x S:** 1m x 1.4m

Botanical Name: Philodendron 'Xanadu' Common Name: Philodendon (Exotic) 200mm **Mature H x S:** 0.7m x 0.7m

Qty Required: 45 **GROUNDCOVER & GRASS**

> Botanical Name: Sanseveria trifasciata Common Name: Snake Plant (Exotic) Pot size: 140mm **Mature H x S:** 0.8m x 0.5m Qty Required: 5/m2 (11m2 total)

Botanical Name: Carpobrotus glaucescen* cvs 'Aussie Rambler' Common Name: Pigface (Native) 140mm Pot size: Mature H x S: 0.25m x spreading

Botanical Name: Myoporum parvifolium * cvs 'Yareena' Common Name: Creeping Boobialla (Native) 140mm

BLD A



LANDSCAPE PLAN NOTES

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Elements such as drainage swales may be incorporated in garden bed areas (using non-floatable mulch) without compromising the capacity or form.

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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.

Install as per the manufacturers specification'

ALLOW FOR STRAPS ANCHOR POINTS ON ROOF/BALCONY **PLANTER WHERE IS NECESSARY** AS PER AS 1891.4:2009 AND AS/NZS 5532:2013

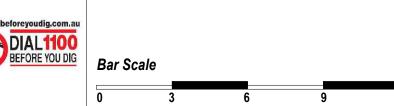
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BKA ARCHITECTURE

conzept

Suit 101, 506 Miller Street, Phone: 9922 5312 www.conzept.net.au enquiries@conzept.net.au

WOLLONGONG CITY CHARBEL KAZZI

B 08.09.2023 Co-ordinated with client's comments C 03.11.2023 Submission for DA D 19.04.2024 Co-ordinated with updated architectural plans E 11.06.2024 Co-ordinated with updated architectural plans

A 06.09.2023 Preliminary plan prepared for review

NOTATION/AMENDMENT

REV DATE

PROPOSED MIXED DEVELOPMENT 357-363 Crown St & 2-4Gladstone Ave WOLLONGONG

TITLE:		STATUS:	
LEVEL 3 LANDSCAPE PLAN		DEVELOPMENT APPLICATION	
		SCALE:	DATE:
		1:150 @ A1	JUNE 2024
PROJECT NO:	PAGE NUMBER:	DRAWN:	CHECKED:
LPDA 24 - 47 LP06		L.Z	R.F



LEGEND & SCHEDULE

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

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7. INDIGENOUS SPECIES SELECTED FROM WOLLONGONG BOTANIC GARDEN'S LIST OF GROWING ILLAWARRA NATIVES MARKED AS *

FERNS & FEATURE



150mm Qty Required: 14

Qty Required: 14 Botanical Name: Asplenium australasicum

Pot size:

Botanical Name: Doodia aspera Common Name: Prickly Rasp Fern (Native) **Mature H x S:** 0.4m x 0.5m

Botanical Name: Philodendron 'Xanadu' Common Name: Philodendon (Exotic) Pot size: **Mature H x S:** 0.7m x 0.7m

Common Name: Birds Nest Fern (Native) 200mm **Mature H x S:** 1m x 1.4m Qty Required: 8





Tree Anchoring

For advanced tree planting in high wind and rooftop locations, it is recommended that an approved root ball anchoring system equal to 'Platipus Anchors' shall be used. Install as per the manufacturers specification'

ALLOW FOR STRAPS ANCHOR POINTS ON ROOF/BALCONY PLANTER WHERE IS NECESSARY AS PER AS 1891.4:2009 AND AS/NZS 5532:2013

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LANDSCAPE PLAN NOTES

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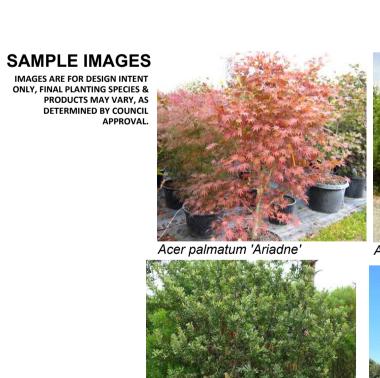
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LANDSCAPE PLAN / L5











15.88 m²

14.48 m²

- 5 AA

- 9 DA

- 8 PX





Westringia 'Aussie Box'





SB 39.685



Lomandra hystrix 'Katie Bells'





- 3 AA - 6 PX





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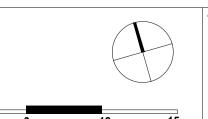
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assessment process if such payments are not made following the notification period. to change, alteration or amendment at the discretion of our office.







BKA ARCHITECTURE

Pyrus calleryana 'Chanticleer'



Suit 101, 506 Miller Street, enquiries@conzept.net.au

CHARBEL KAZZI

Asplenium australasicum

REV DATE NOTATION/AMENDMENT A 06.09.2023 Preliminary plan prepared for review WOLLONGONG CITY B 08.09.2023 Co-ordinated with client's comments C 03.11.2023 Submission for DA D 19.04.2024 Co-ordinated with updated architectural plans

Dichondra repens

E 11.06.2024 Co-ordinated with updated architectural plans

PROPOSED MIXED DEVELOPMENT 357-363 Crown St & 2-4Gladstone Ave

Dianella 'Little Jess'

WOLLONGONG

ara aopera	r rectrammas ar	gernatus Gilver Griicia			
TITLE:		STATUS:			
L5 LANDSCAPE PLAN		DEVELOPM	DEVELOPMENT APPLICATION		
		SCALE:	DATE:		
		1:150@ A1	JUNE 2024		
PROJECT NO:	PAGE NUMBER:	DRAWN:	CHECKED:		
LPDA 24 - 47	LP08	L.Z	R.F		
	TITLE: L5 LANDSCAPE PL PROJECT NO:	TITLE: L5 LANDSCAPE PLAN PROJECT NO: PAGE NUMBER:	TITLE: L5 LANDSCAPE PLAN SCALE: 1:150@ A1 PROJECT NO: PAGE NUMBER: DEVELOPM SCALE: 1:150@ A1		

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FERNS & FEATURE

Botanical Name: Doodia aspera Common Name: Prickly Rasp Fern (Native) 150mm **Mature H x S:** 0.4m x 0.5m Qty Required: 18

Botanical Name: Philodendron 'Xanadu'

200mm

Common Name: Philodendon (Exotic) Pot size: **Mature H x S:** 0.7m x 0.7m

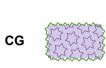
Qty Required: 17 Botanical Name: Asplenium australasicum Common Name: Birds Nest Fern (Native) Pot size: 200mm Mature H x S: 1m x 1.4m Qty Required: 9

SHRUBS & HEDGES



Botanical Name: Goodenia ovata * Common Name: Hop Goodenia (Indigenous) Pot size: 200mm Mature H x S: 1m x 1m Qty Required: 26

GROUNDCOVER & GRASS



Botanical Name: Carpobrotus glaucescen * cvs 'Aussie Rambler' Common Name: Pigface (Native) 140mm Pot size: Mature H x S: 0.25m x spreading Qty Required: 7/m2 (3m2 total) Botanical Name: Myoporum parvifolium * cvs 'Yareena' **Common Name:** Creeping Boobialla (Native) Pot size: 140mm Mature H x S: 0.15m x spreading

Qty Required: 7/m2 (6m2 total) Botanical Name: Lomandra hystrix 'Katie Bells' Common Name: Katie Bells Mat Rush (Native) Pot size: 150mm **Mature H x S:** 1.2m x 1.2m

Qty Required: 28



Tree Anchoring For advanced tree planting in high wind and rooftop locations, it is recommended that an approved root ball anchoring system equal to 'Platipus Anchors' shall be used. Install as per the manufacturers specification'

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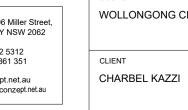


SCALE: 1:150

LANDSCAPE PLAN / L7-L16







NOTATION/AMENDMENT A 06.09.2023 Preliminary plan prepared for review WOLLONGONG CITY B 08.09.2023 Co-ordinated with client's comments C 03.11.2023 Submission for DA D 19.04.2024 Co-ordinated with updated architectural plans E 11.06.2024 Co-ordinated with updated architectural plans **PROPOSED** MIXED DEVELOPMENT 357-363 Crown St & 2-4Gladstone Ave WOLLONGONG

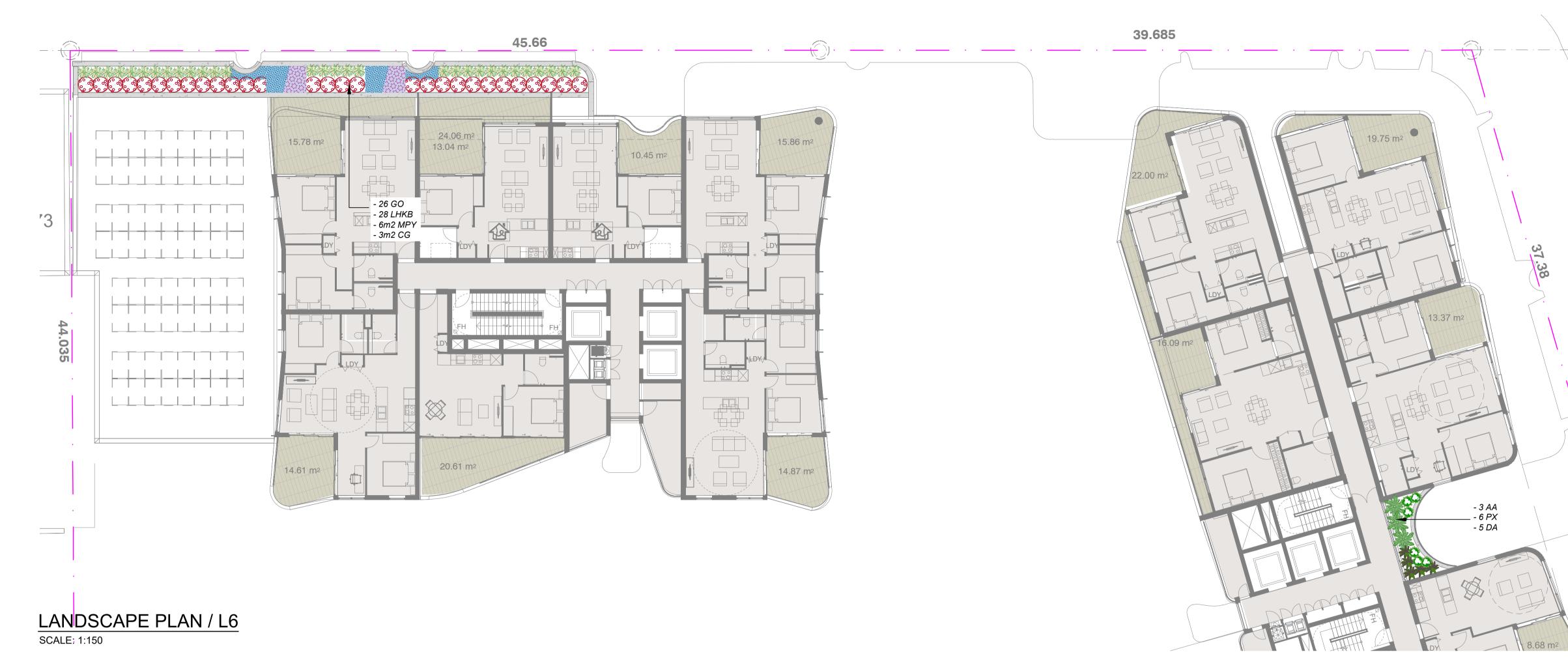
DEVELOPMENT APPLICATION L6-L17 LANDSCAPE PLAN **JUNE 2024** PROJECT NO: PAGE NUMBER: R.F LPDA 24 - 47 LP09 L.Z

- 3 AA each level

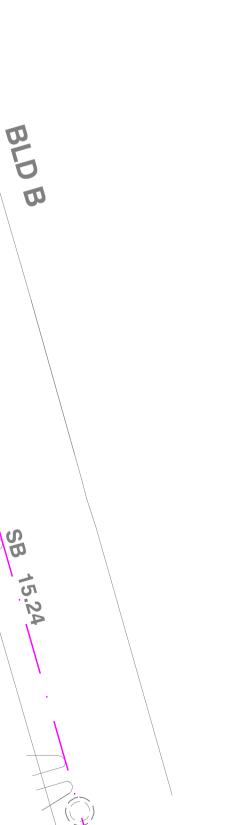
- 5 DA each level

- 6 PX each level

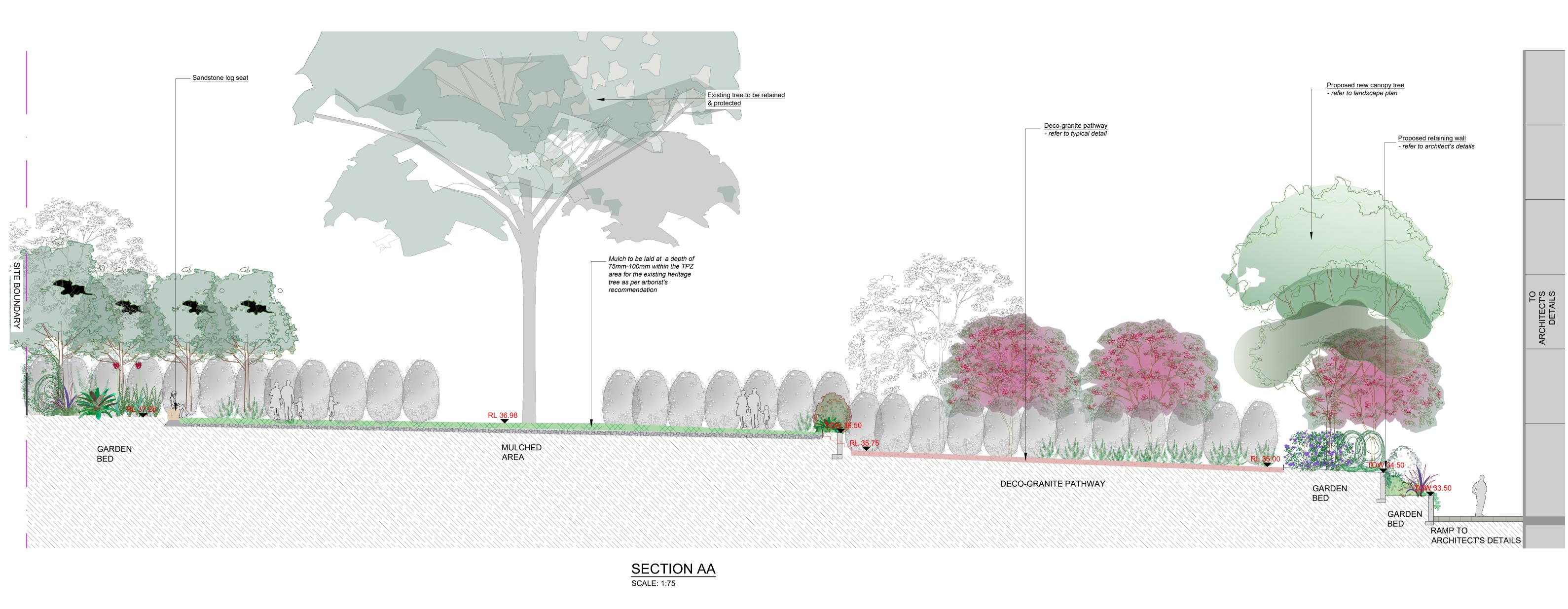
60.94 m²

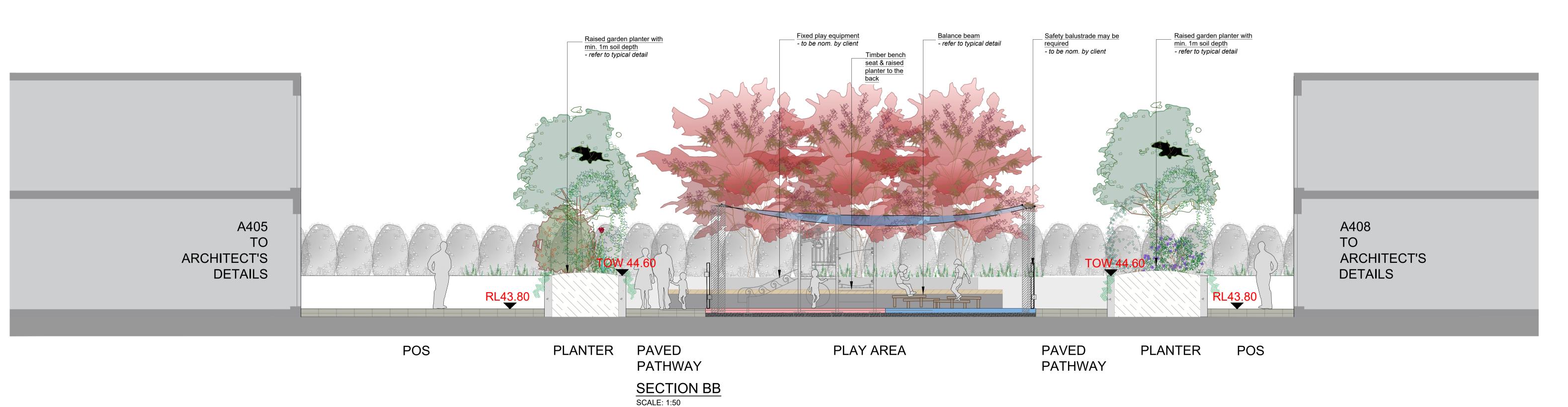












COUNCIL

WOLLONGONG CITY

CHARBEL KAZZI

NOTATION/AMENDMENT

PROPOSED

WOLLONGONG

MIXED DEVELOPMENT

357-363 Crown St & 2-4Gladstone Ave

A 06.09.2023 Preliminary plan prepared for review

B 08.09.2023 Co-ordinated with client's comments

D 19.04.2024 Co-ordinated with updated architectural plans

E 11.06.2024 Co-ordinated with updated architectural plans

C 03.11.2023 Submission for DA

DEVELOPMENT APPLICATION

L.Z

JUNE 2024

CHECKED:

R.F

SECTIONS

LPDA 24 - 47

PAGE NUMBER:

LP10

LANDSCAPE ARCHITECT

conzept

BKA ARCHITECTURE

Suit 101, 506 Miller Street, CAMMERAY NSW 2062

www.conzept.net.au enquiries@conzept.net.au

Phone: 9922 5312 Mob: 0413 861 351

GENERAL NOTE:

to change, alteration or amendment at the discretion of our office.

Figured dimensions take preference to scale readings. Verify all dimensions on site. PDFd plans may vary slightly in Scale for that indicated on plans. Report any discrepancies to the Landscape Architect before proceeding with the work.

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Australian restricts

All A Associate

1.01 GENERAL

he 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

Where an Australian Standard applies for any landscape material testing or installation technique, that

- 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

standard shall be followed.

he 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

the root zone of existing trees to be retained.

1.04 EROSION & POLLUTION CONTROL

1.02 PROTECTION OF ADJACENT FINISHES

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

versee 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

Any roots larger in diameter than 50mm shall only be severed under instruction by a qualified arborist. Roots smaller than 60mm 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 the full construction period.

he Contractor shall take all proper precautions to prevent the erosion of soil from the subject site. The contractor shall nstall 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.

Frosion & pollution control measures shall incorporate the following:

Sediment fencing using a geotextile filter fabric in the location indicated on the erosion control plan or as instructed on site by the landscape architect - Earth banks to prevent scour of stockpiles

- Sandbag kerb sediment traps Straw bale & geotextile sediment filter

- Construction of a sediment trap at the vehicle access point to the subject site.

- 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

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 excavate and supply 300mm of imported soil mix

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 use, & AS 4454 Composts, Soil conditioners & mulches.

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 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

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

All testing is to be conducted in accordance with AS 1289 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

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.

reviously by the Civil Contractor. No builders waste material shall be acceptable.

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

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 outlets 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 blanting and turfing.

PLANTING 3.01 MATERIALS

a) Quality and Size of Plant Materia

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.

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 1800mm x 50mm x 50mm Hardwood timber, or as ber council specification where is available. 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 for general planter bed shall be an approved equal to "EUCY" 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

Turf for project site shall be soft leaf Buffalo or Zoysia macrantha 'Nana' 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

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

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.

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.

Mulch for general planter bed shall be an approved equal to "EUCY" 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, 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

Where is required, the Contractor shall install steel 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

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

adjacent surfaces. However, no edging shall be used within the Structural Root Zone (SRZ) of trees to be retained.

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. Paying - refer to typical details provided, and applicable Australian Standards, Permeable paying 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

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**

5.01 GENERAL (PERFORMANCE SPECIFICATION)

wall to suit site levels and to manufacture's 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 2011, & the

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 industry standards and to maximise the efficient usage of water.

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

Design Requirements: 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

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 service and conduit locations.

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

Testing & Defects:

Upon completion 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

- 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.

CONSOLIDATION AND MAINTENANCE

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.

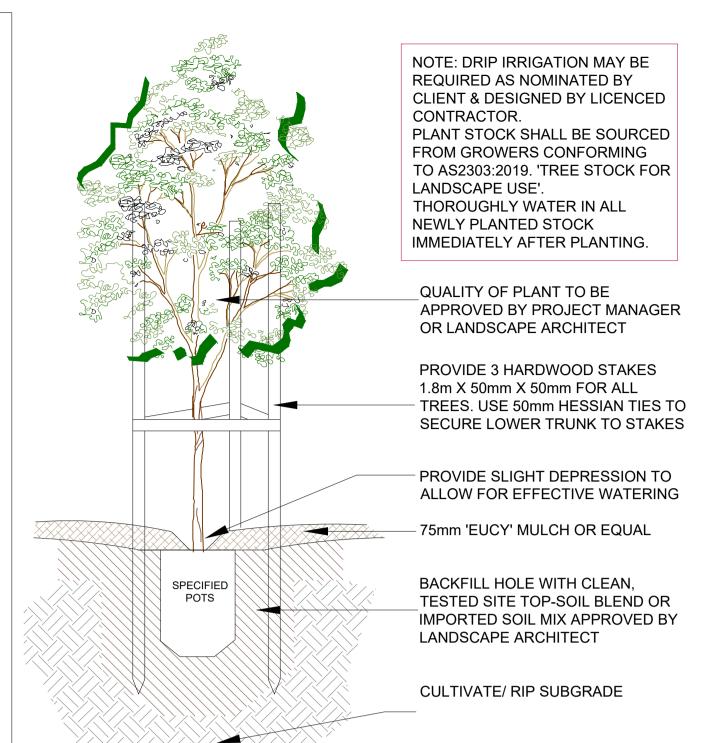
A qualified landscape maintenance contractor shall undertake the required landscape maintenance works. Consolidation and maintenance shall mean the care and maintenance of Contracted works by accepted landscaping or horticultural practices, ensuring that all plants are in optimum growing conditions and 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

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

- 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



TREE PLANTING DETAIL

ROYAL GRASS® DELUXE. NOTE:

TURF AS PER MANUFACTURERS

TYPICAL DETAIL PROVIDED. INSTALL

(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)

https://www.royalgrass.com.au/artificial-grass/prices/royal-grass-deluxe/

250mm -

VERLAPPING

SLAB TO ENG. DETAIL

ALL ARTIFICIAL GRASS AND SOFT RUBBER SURFACE INSTALLED BY

SURFACING – SPECIFICATIONS, REQUIREMENTS AND TEST METHOD.

ALL SURFACING DEVELOPMENT TO COMPLY WITH AS 4685.1:2021/OR CURRENT

VERSION), PLAYGROUND EQUIPMENT AND SURFACING AND AS/NZ 4422 PLAYGROUND

MANUFACTURE'S SPEC & DETAIL

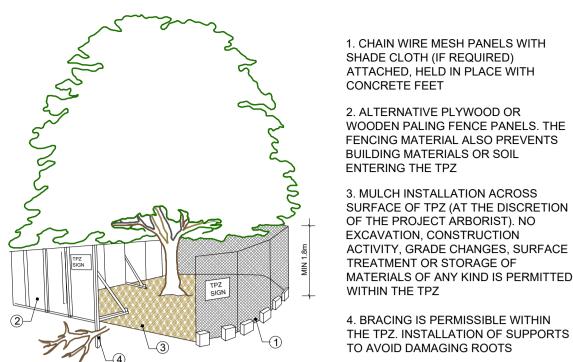
SCALE: 1:10

SCALE: 1:25

- MATERIAL CONNECTION AND TRANSITION

FOLLOWED TO ENSURE NO JOINT FAILURE

TO MANUFACTURERS SPECIFICATION & DETAILS WITH BEST PRACTICE METHODS



1. CHAIN WIRE MESH PANELS WITH SHADE CLOTH (IF REQUIRED) ATTACHED, HELD IN PLACE WITH **CONCRETE FEET**

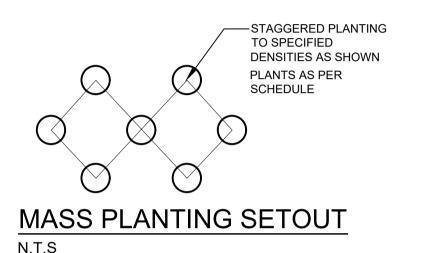
2. ALTERNATIVE PLYWOOD OR WOODEN PALING FENCE PANELS. THE FENCING MATERIAL ALSO PREVENTS **BUILDING MATERIALS OR SOIL** ENTERING THE TPZ

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

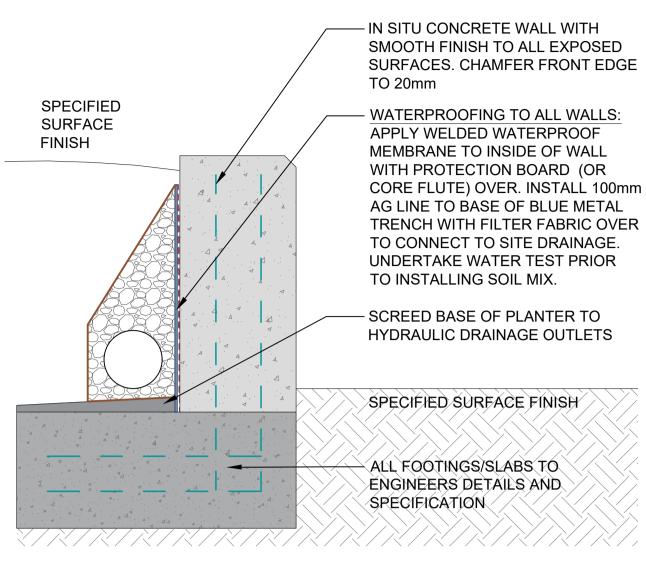
4. BRACING IS PERMISSIBLE WITHIN

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 N.T.S

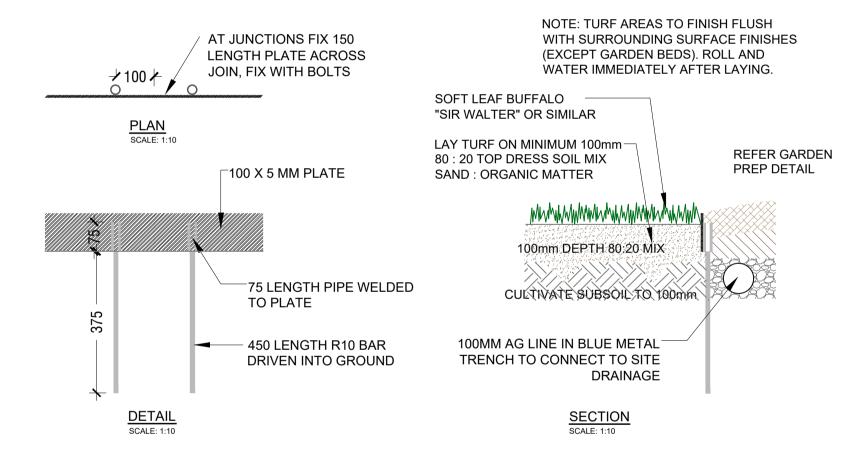


NOTE: TYPICAL DETAIL ONLY. ALL WALLS WHICH FORM PART OF DRAINAGE WORKS MUST BE BUILT AS DETAILED BY THE HYDRAULIC ENGINEER. ALL WALLS EXCEEDING 1m HEIGHT SHALL BE DETAILED BY A QUALIFIED ENGINEER. INSTALL WALL TO SUIT SITE LEVELS AND TO MANUFACTURE'S SPECIFICATION.



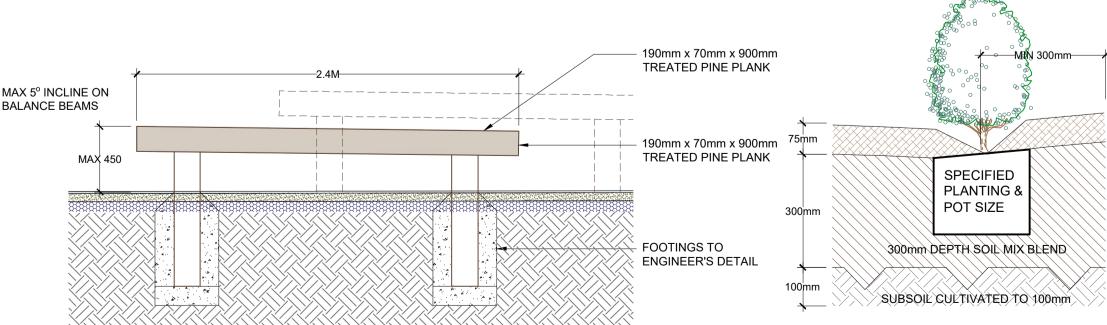
TYPICAL IN SITU CONCRETE RETAINING WALL DETAIL

SCALE 1:10



STEEL EDGE DETAIL

TYPICAL RUBBERISED SOFTFALL ON SLAB DETAIL



SOFT RUBBER SURFACE

THICKEN TO ADJOINING FINISH

SOFTFALL SHOCKPAD LAYER

DEPTH TO BE DETERMINED BY

MANUFACTURER'S DETAIL

20-30mm DEPTH RUBBER WEARING LAYER/TILES TO

MANUFACTURER'S SPECIFICATION SECURED OVER

SOFTFALL SHOCKPAD LAYER WITH INDUSTRIAL

APPROVED BONDING AGENT/ADHESIVE.

APPROVED SOFTFALL MATERIAL UNDER,

CONTRACTOR BASED ON FALL HEIGHTS.

STRUCTURAL DRAINAGE LAYER TO

STRUCTURAL WATER PROOFING AND

ALL CONTRACTORS TO CONSTANTLY

INSULATION TO ENG/ARCHITECT'S DETAILS.

MONITOR AND ENSURE THE INTEGRITY OF

THE WATERPROOF LAYER IS MAINTAINED.

TYPICAL GARDEN PREPARATION DETAIL

APPLY MIN. 2% FALL ON CEMENT SCREED ON SLAB TO DRAINAGE POINTS TO HYDRAULIC ENG'S DETAILS

> DRAINAGE POINTS/PITS AND LAYOUT TO NOMINATED BY HYDRAULIC ENGINEER. STRUCTURAL WATER PROOFING DETAILS TO BE PROVIDED BY ENGINEER

AUTOMATIC IRRIGATION SHALL BE INSTALLED FOR PLANTERS TO **ENSURE A SUSTAINABLE** LANDSCAPE IS ACHIEVED. SHOP DRAWING TO BE PROVIDED BY LICENSED IRRIGATION CONSULTANTS

PROPRIETARY PLANTER BENCH

TRIANGLE ROTUNDA - SATU BUMI

3481 L X 3213 W X 1200H

MAY REQUIRE CUSTOM-MADE SIZE SUBJECT TO **APPROVAL**

TITLE:		STATUS:		
DETAILS 1 & SPECIFICATIONS		DEVELOPMENT APPLICATION		
		SCALE:	DATE:	
		AS SHOWN	JUNE 2024	
PROJECT NO:	PAGE NUMBER:	DRAWN:	CHECKED:	
LPDA 24 - 47	LP11	L.Z	R.F	
		DRAWN:	CHECKED:	

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BKA ARCHITECTURE

Phone: 9922 5312 Mob: 0413 861 351 conzept

BALANCE BEAMS TYPICAL DETAIL

LANDSCAPE ARCHITEC

Suit 101, 506 Miller Street enquiries@conzept.net.au

WOLLONGONG CITY CHARBEL KAZZI

COUNCIL

A 06.09.2023 Preliminary plan prepared for review B 08.09.2023 Co-ordinated with client's comments C 03.11.2023 Submission for DA D 19.04.2024 Co-ordinated with updated architectural plans E 11.06.2024 Co-ordinated with updated architectural plans

SCALE 1:10

NOTATION/AMENDMENT

PROPOSED MIXED DEVELOPMENT 357-363 Crown St & 2-4Gladstone Ave WOLLONGONG

TYPICAL SETBACK FROM

75mm DEPTH "EUCY" MULCH OR

50% OF STOCKPILED SITE TOPSOIL

MATERIALS. TOPSOIL TO BE MIXED

FREE FROM ALL BUILDER'S

GARDEN MIX OR SOIL

RUBBISH AND DELETERIOUS

CONDITIONER/ COMPOSTED

WITH MINIMUM 50% IMPORTED

ORGANIC MATTER - SEE SPEC.

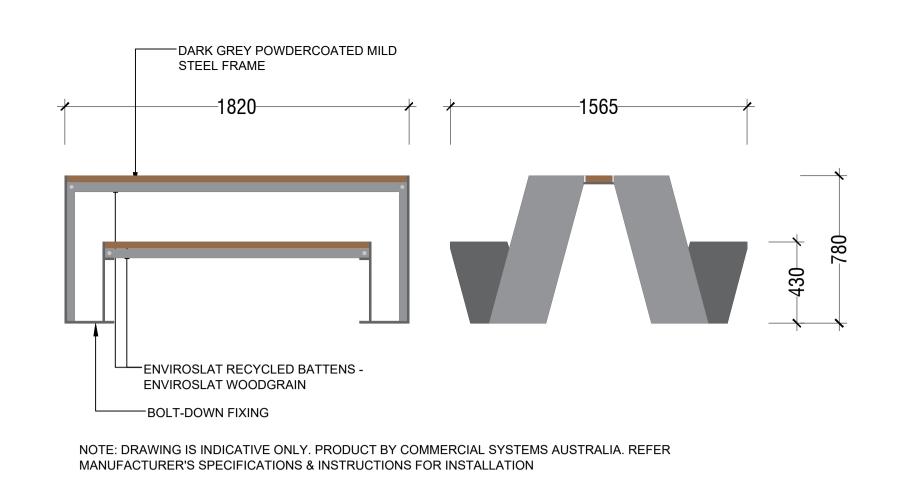
USE 100% IMPORTED SOIL MIX

WHEN SITE TOPSOIL RUNS OUT

LAWN/GARDEN EDGE

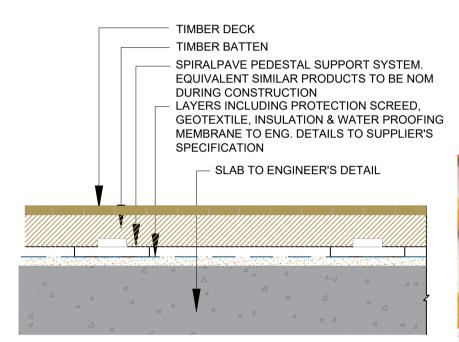
EQUIVALENT

SOIL MIX:



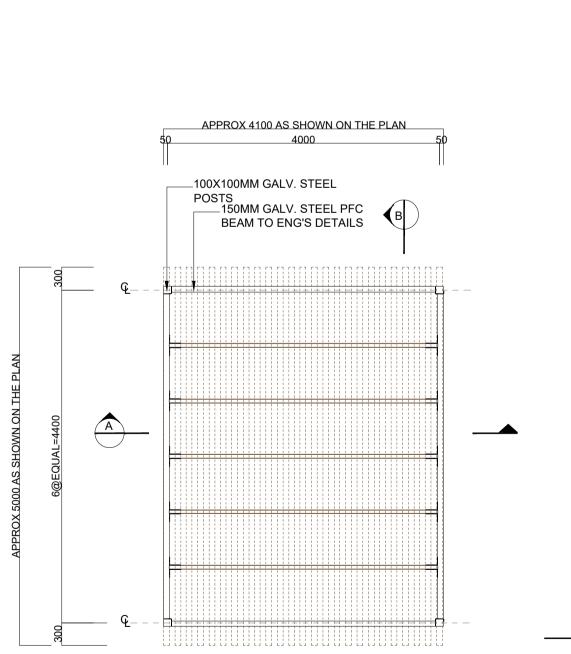
ODYSSEY PICNIC SETTING BY CSA - PRODUCT CODE: TM4170

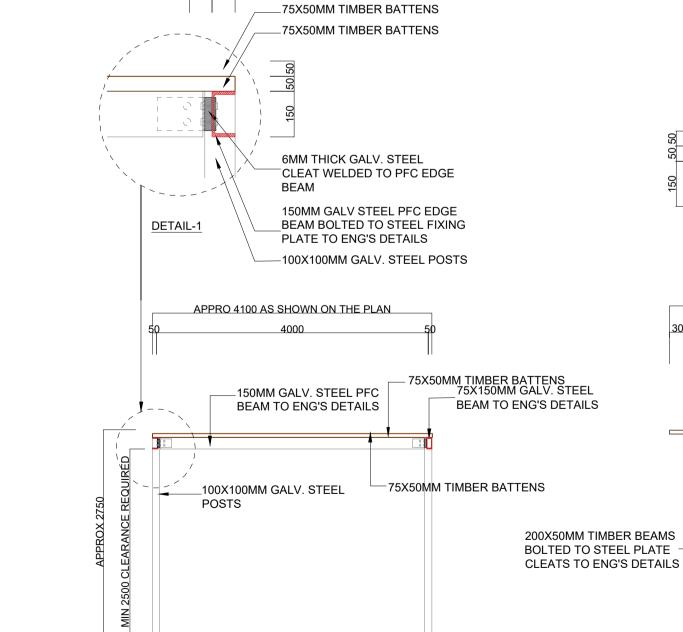
SCALE 1:20





TIMBER DECKING DETAIL **SCALE 1:20**





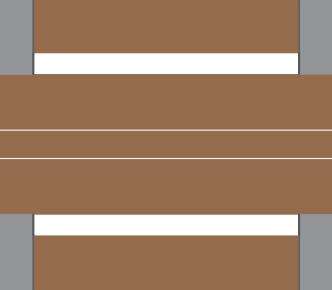
SECTION A-A

BKA ARCHITECTURE

TYPICAL PERGOLA DETAIL

REFER TO MANUFACTURER'S DETAIL FOR FULL SPEC. SCALE 1:20



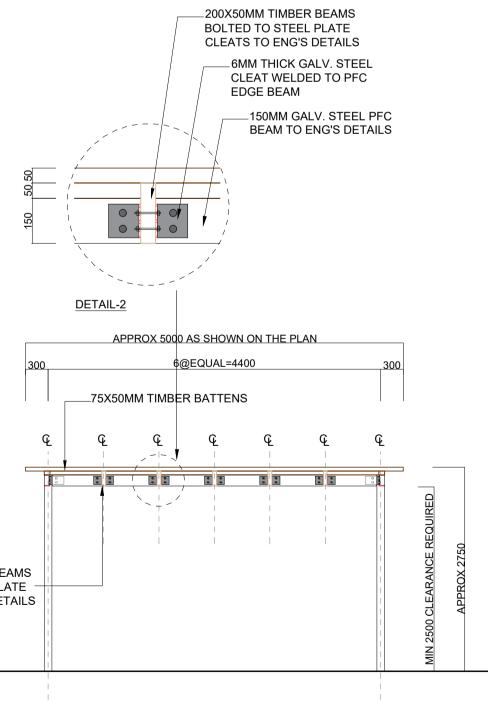


NOTE:

DETAIL PROVIDED FOR DESIGN INTENT ONLY, TO BE REVIEWED AND VERIFIED WITH FURTHER DETAILING PROVIDED AS REQUIRED FOR CONSTRUCTION BY ARCHITECT/ STRUCTURAL ENGINEER







SECTION B-B

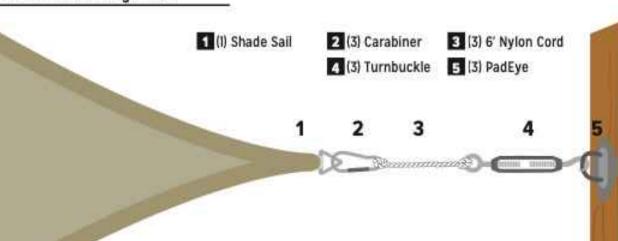
FENCESCREEN SPECIFICATIONS

RESULTS

Filament Strength	75 lbs. per ft.
Material Break Strength	750 lbs. per ft.
Material Weight	325 g/m²
Crystaline Melt Point	133° C
Composition of UV Inhibitor	1.5% Amplas CMIII821 / 1.5% Equaster CM 106000
Flamability Point	364° C
Shade / Wind Blockage	88%

Attachment Enlargement

PROPERTIES



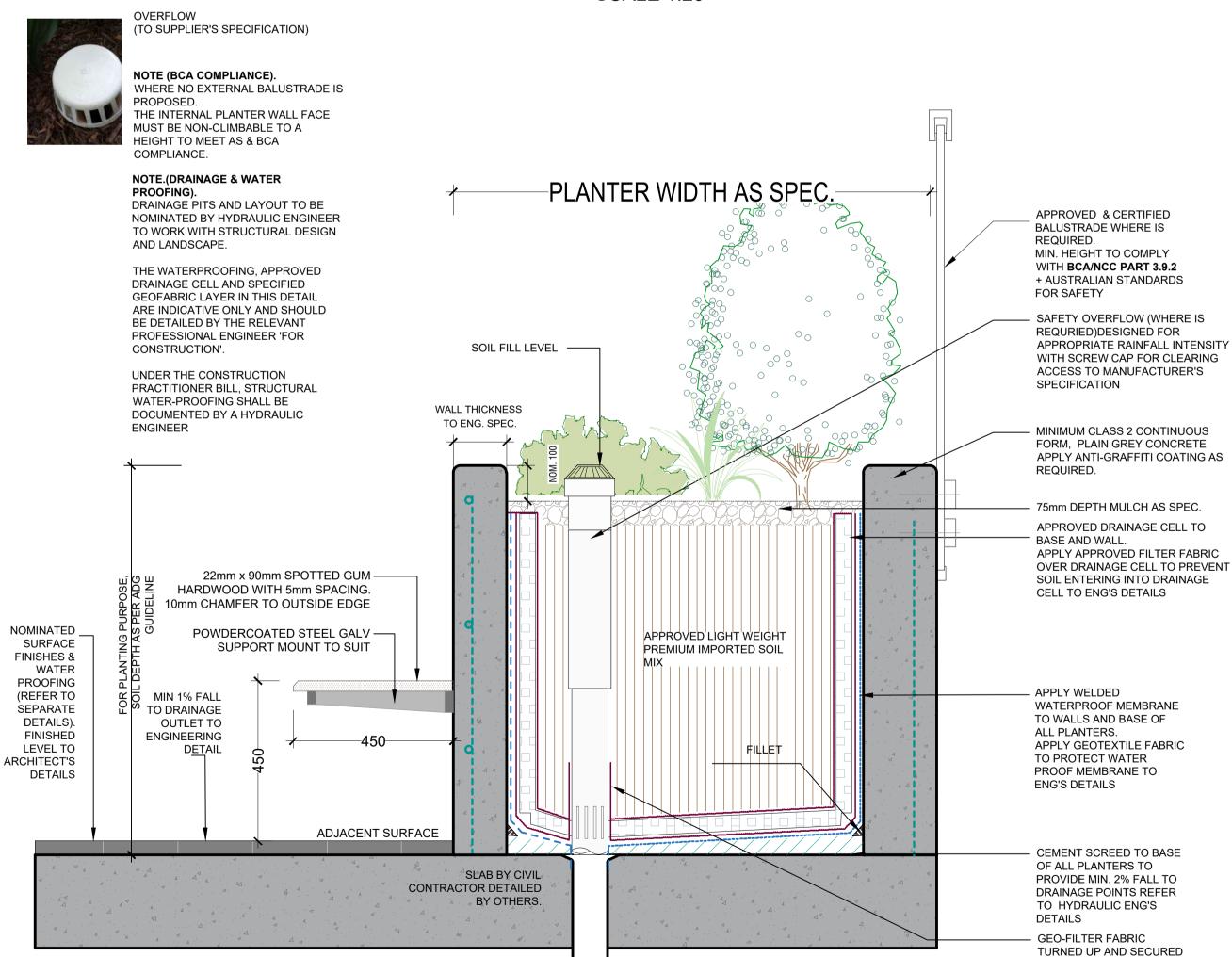
 INSTALL PER FENCESCREEN MANUFACTURER RECOMMENDATIONS. - REFER TO STRUCTURAL PLANS FOR ALL FOOTING SIZES.

SHADE CLOTHE AREAS ARE SHOWN DIAGRAMMATICALLY, AND SHALL BE DESIGNED AND DETAILED BY THE RELEVANT TRADE / CONTRACTOR TO COMPLY WITH SHADE, SAFETY AND STRUCTURAL REQUIREMENTS, CODES AND STANDARDS WITH FUTURE SHOP-DRAWINGS -VARIED-185GSM FABRIC -DUAL-BAND, EDGE REINFORCED -STITCHING ON ALL SIDES FOR **GREAT DURABILITY** PAINTED STEEL POSTS (OR EQUAL) TO .. SUPPORT SHADE STRUCTURES TO MANUFACTURERS SPECIFICATION OR FUTURE SHOP DRAWINGS. ALL FOOTING AND STRUCTURES TO ENGINEERING DETAILS, AND EXPOSED FOOTING, CONCRETE, FIXINGS AND POSTS IN AND AROUND ACTIVE PLAY

AREAS TO BE SECURELY PADDED FOR

TYPICAL SHADE CLOTH DETAIL

SCALE 1:20



INSITU CONCRETE PLANTER ON SLAB DETAIL

SCALE: 1:10

GENERAL NOTE: Figured dimensions take preference to scale readings. Verify all dimensions on site. PDPd plans may vary slightly in Scale for that indicated on plans. Report any whether special, consequential, direct or indirect, suffered by iscrepancies to the Landscape Architect before proceeding with the work. ouscrepancies to the Landscape Architect before proceeding with the work.

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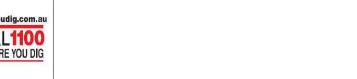
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AILA Associate







LANDSCAPE ARCHITECT:	
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E	Phone: 9922 5312 Mob: 0413 861 351
conzept Landscape Architects	www.conzept.net.au enquiries@conzept.net.au

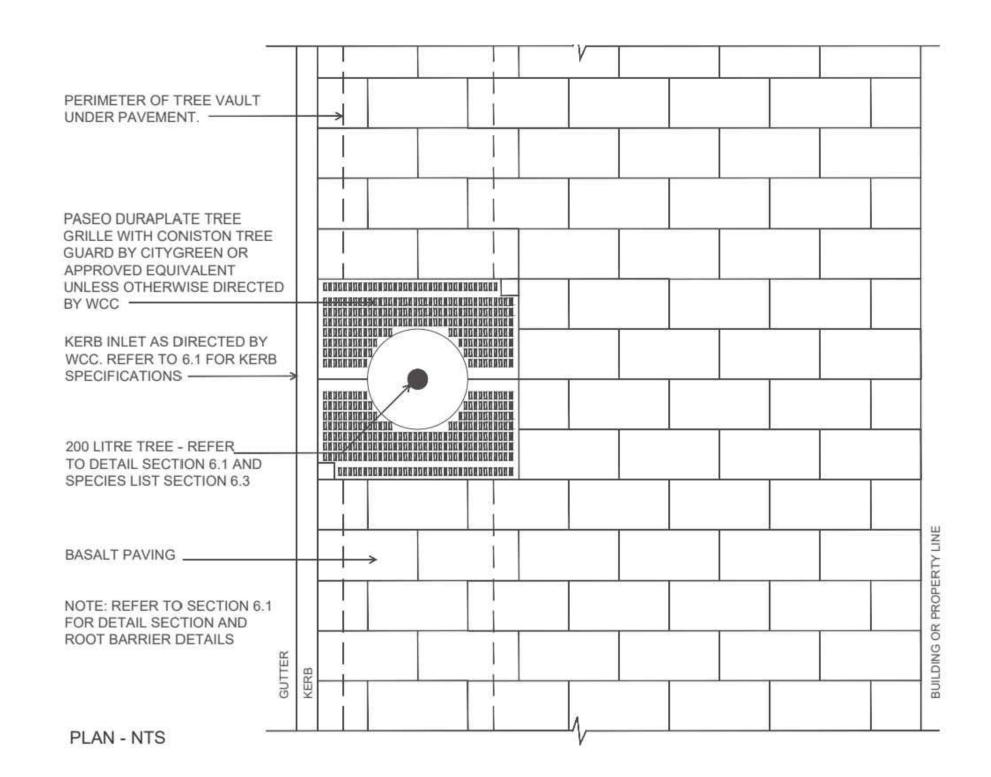
TECT:	
	Suit 101, 506 Miller Street, CAMMERAY NSW 2062
۱	Phone: 9922 5312 Mob: 0413 861 351
t	www.conzept.net.au enquiries@conzept.net.au

COUNCIL	REV	DATE	NOTATION/AMENDMENT
WOLLONGONG CITY	Α	06.09.2023	Preliminary plan prepared for review
	В	08.09.2023	Co-ordinated with client's comments
	С	03.11.2023	Submission for DA
CLIENT	D	19.04.2024	Co-ordinated with updated architectural plans
CHARBEL KAZZI	E	11.06.2024	Co-ordinated with updated architectural plans
0. <i>ii</i> 11. 12			

PROPOSED MIXED DEVELOPMENT 357-363 Crown St & 2-4Gladstone Ave WOLLONGONG

TITLE:		STATUS:	
DETAILS 2		DEVELOPMENT APPLICATION	
		SCALE:	DATE:
		AS SHOWN	JUNE 2024
PROJECT NO:	PAGE NUMBER:	DRAWN:	CHECKED:
LPDA 24 - 47	LP12	L.Z	R.F

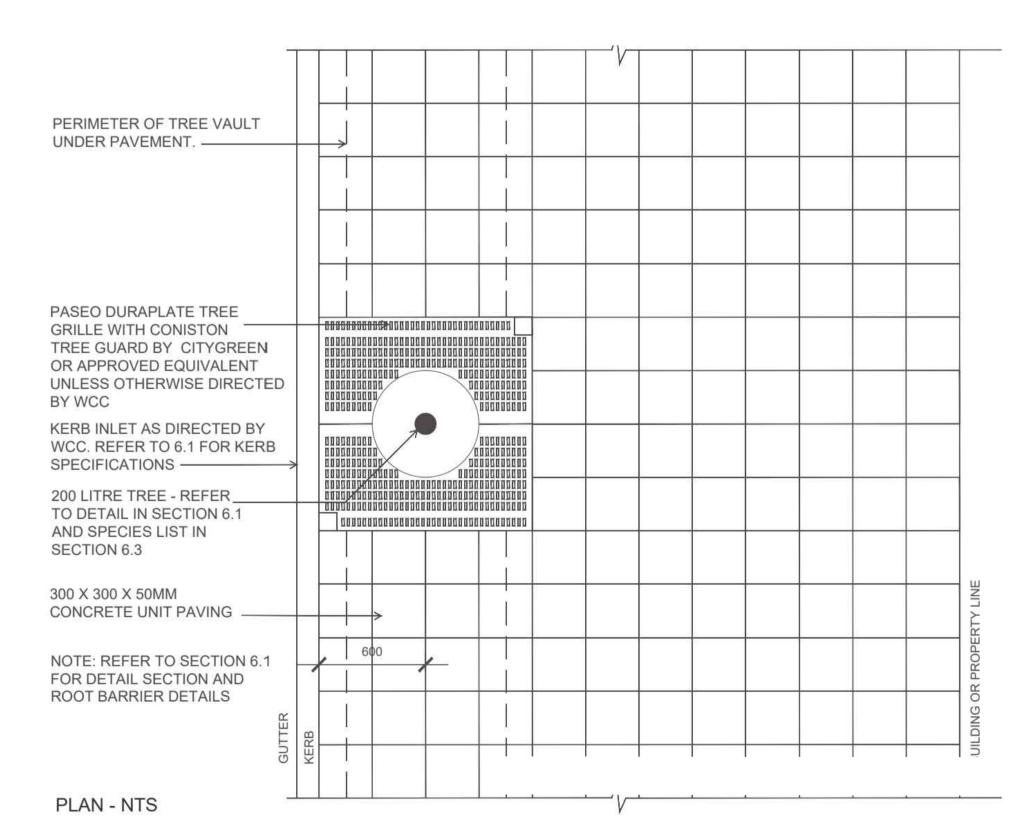
TO RISER ABOVE DRAINAGE OPENING



CORE & CIVIC STREET TREE PLANTING PLAN

SCALE: NTS

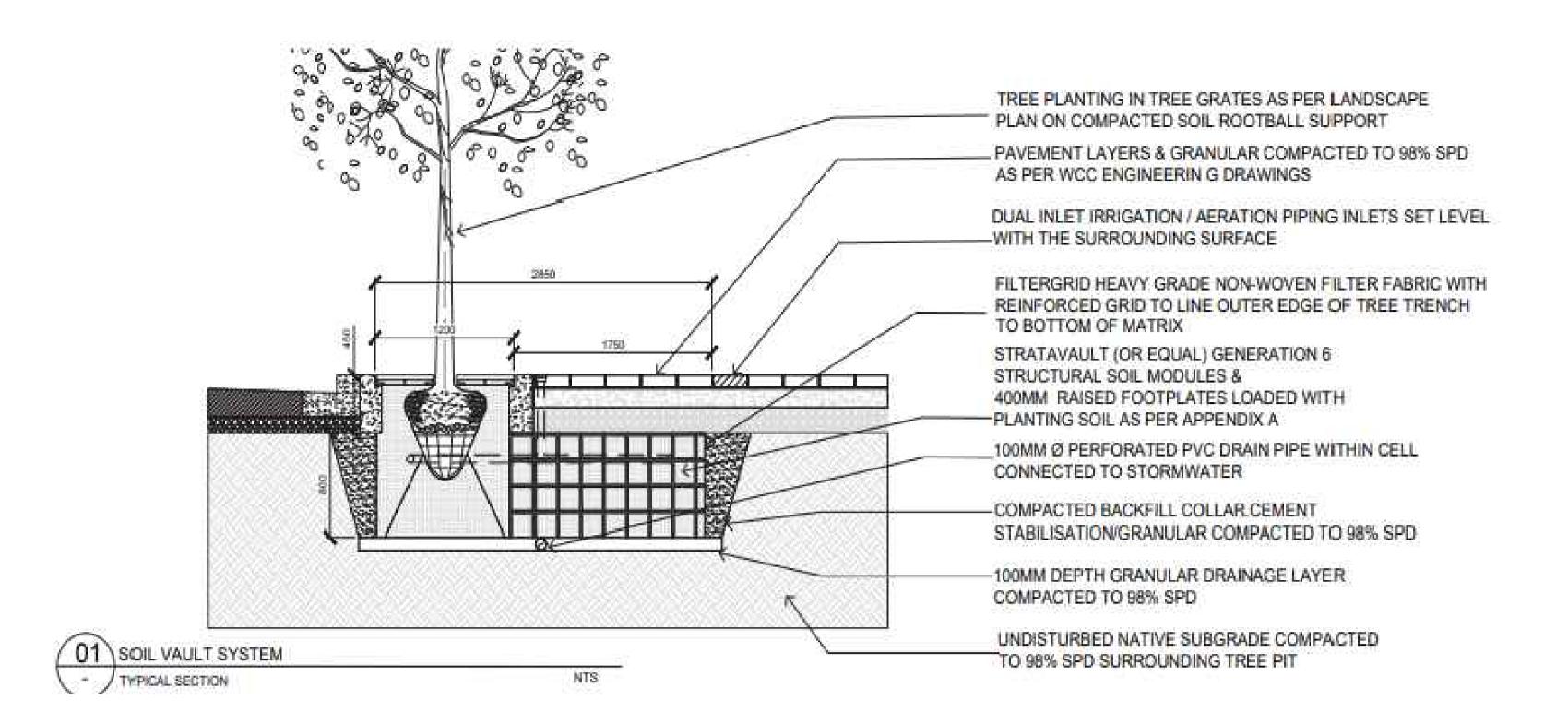
REFER TO WOLLONGONG CITY COUNCIL'S CITY CENTRE PUBLIC DOMAIN TECHNICAL MANUAL 2023

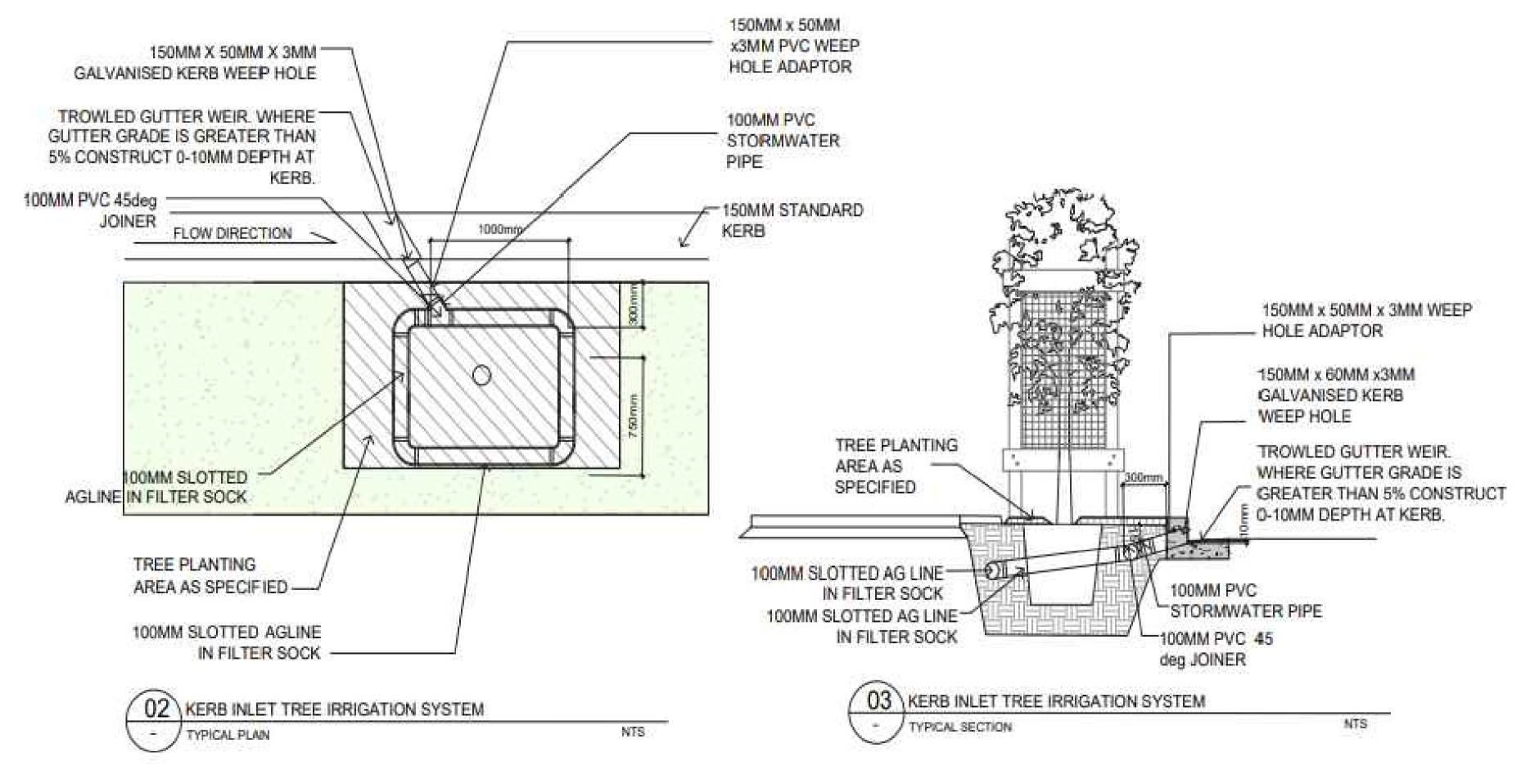


MINOR CIVIC STREET TREE PLANTING PLAN

SCALE: NTS

REFER TO WOLLONGONG CITY COUNCIL'S CITY CENTRE PUBLIC DOMAIN TECHNICAL MANUAL 2023





STREET TREE PLANTING DETAIL

SCALE: NTS

REFER TO WOLLONGONG CITY COUNCIL'S CITY CENTRE PUBLIC DOMAIN TECHNICAL MANUAL 2023

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AILA Associate





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COUNCIL	REV	DATE	NOTATION/AMENDMENT	PRO
WOLLONGONG CITY	Α	06.09.2023	Preliminary plan prepared for review	l
	В	08.09.2023	Co-ordinated with client's comments] '
	С	03.11.2023	Submission for DA	1
CLIENT	D	19.04.2024	Co-ordinated with updated architectural plans]
CHARBEL KAZZI	E	11.06.2024	Co-ordinated with updated architectural plans] (
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PROJECT:			
	PROPOSED		
	MIXED DEVELOPMENT		
	357-363 Crown St & 2-4Gladstone Ave		
	WOLLONGONG		

TITLE:		STATUS:	
DETAILS 3		DEVELOPMENT APPLICATION	
		SCALE:	DATE:
		AS SHOWN	JUNE 2024
PROJECT NO:	PAGE NUMBER:	DRAWN:	CHECKED:
LPDA 24 - 47	LP13	L.Z	R.F

FOR IRRIGATION CONCEPT ONLY. FINAL DRAWINGS TO BE PROVIDED BY **QUALIFIED IRRIGATION SPECIALIST IN ACCORDANCE WITH SYDNEY WATER CODES AND ALL RELEVANT AUSTRALIAN STANDARDS.**

IRRIGATION ITEMS

50MM BLUELINE OR PVC -----SLEEVE.

19mm POLY PIPE. _____

> INDICATIVE 'NETAFIM' DRIPPER LINE

TOTAL DRIPPER PIPE IN APPROX. TOTAL LINEAL METERS @ XX LINEAL M 400MM SPACING



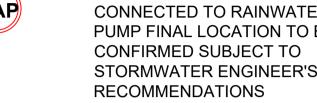
INDICATIVE WATER TAP LOCATION ONLY. TO BE CONNECTED TO RAINWATER PUMP FINAL LOCATION TO BE CONFIRMED SUBJECT TO STORMWATER ENGINEER'S

ZONE 1

ZONE 2

ZONE 3

ZONE 4



NOTE: FLOW RATE FROM WATER SOURCE ON SITE IS TO BE ADEQUATE TO ENSURE MINIMUM PERFORMANCE FOR THE INSTALLED DRIP IRRIGATION SYSTEM ACROSS THE SITE

- 400mm C/C SPACING

TYPICAL IRRIGATION

2.4L/MIN

NETAFIM TECHLINE SYSTEM



TAP IN POINT

VACUUM-

RELIEF VALVES VALVE BOX (Inc. DUAL CHECK VALVE,

TO MANUFACTURER'S SPECIFICATIONS

INSTALLED BY LICENCED CONTRACTOR

FLUSH VALVE -

SOLENOID VALVE. etc)

SAMPLE IMAGE : IRRIGATION TAP CONTROLLER To be specified by licensed irrigation contractor

2845) prevention) & valve boxes.

- Valves (including RPZ, isolating, control & back-flow (to AS/NZS

- Automatic rain switching (sensors positioned free of overhead rainfall

- Separate programmable stations & programmable to the different

- Cabinets, access/valve/housing boxes & panels to be lockable, 3

- Access/valve/housing boxes to be *min* heavy duty suitable for the

- Weather resistant & components are to be highly corrosion resistant.

- Concealed except for valve box lids, controllers, water delivery outlet devices, access panels to components requiring maintenance access.

Exposed to view components to be in garden beds where possible & be

flush with the surrounding land profiles (except for garden bed raised

SUBMIT Irrigation *Works* shop drawings close to the start of the Head

Contract to resolve coordination issues as early as possible. Shop

- Mechanical Proprietary Controllers connected to hose-cocks

- List of local spare parts Suppliers & availability of spare parts.

- Diagrams of water coverage of each water delivery outlet device.

- Local Authority Regulations, Codes & Guidelines complied with.

Alternatively, a central Controller positioned at nominally 1600mm

- Timer settings to cover a 24 hour day, 7 days a week, settings to

- Program to cater for changes in setting for the 4 yearly seasons.

- Cabinet & box details (and ratings for traffic loads if applicable).

Provide comprehensive personal instruction to the *Owner* on the

operation of the irrigation system by an experienced Irrigation

Installation Technician. Instruction to *include* physical on-*Site*

demonstration of the system in conjunction with referring to the

Operation & Maintenance Manual. **SUBMIT** proposed instructional

- Component Manufacturer advice & specifications.

- Proposed watering flow rates for the 4 seasons.

- Electrical & Hydraulic *Engineer* Design Certification.

- Australian & New Zealand Standards compiled with.

above FFL may be used. Controllers to include:

- Ability to separately program each irrigation zone.

- Manual or semi-manual over-ride provision.

- Battery back-up support for power failure (solid state).

Concealment is under-ground or within structures. Underground

piping location to be identified using underground marker tape

- Water delivery outlet devices (sprinklers, drippers, sprayers).

- Controllers.

obstructions).

tagged keys per lock.

The system is to be:

anticipated traffic loads.

installed min 150mm above pipes.

water delivery outlet devices).

drawings to include:

- Warranty details.

- 1 to 4 start times per day.

- Pump/master valve circuit.

3.1 execution common detail

- Irrigation zones.

3 Execution

program details.

Controllers

NOTE General

1.1 General

Irrigation works proposed for on slab planters shall be automated systems comprising proprietary mechanical controllers fixed to hose-cock locations, feeding dripper lines.

1.2 Referenced documents

Cross References

- Refer to 'Irrigation Concept Plan' issued with the landscape documentation for the project.

Standards

Provide to documented A/O Standards including associated Parts, if those Parts are Work related.

Pipes & Fittings AS 2698 & AS/NZS 1477 / 2032 / 2033 / 3879 / 4130Electrical Work AS/NZS 3000 / 3008 / 3017 / 3760.

1.3 Interpretation

Also refer to hydraulic engineers drainage plans, architectural plans, plumbing documentation, structural water-proofing specification and other relevant documentation for on-slab planter locations.

1.4 Inspection & testing

SUBMIT results of tests & inspections. **Notify** for inspection of:

- Irrigation system set-out.

- Trenching. - Fully test the completed system over a 7 day period *including* a pressure testing.

- Completed system to be inspected by an Hydraulic Engineer & an

Electrical Engineer. 1.5 submissions

Refer items written **SUBMIT**, in text. Refer Preliminaries SECTION, Sub-SECTION 5. SUBMIT also:

- Shop drawings as described in 'Materials' below.

- Work as Executed drawings.

- Operation & Maintenance Manual.

2 Materials 2.1 material common detail

The irrigation system is to be a fully automatic *proprietary* system, or an Electrical & Hydraulic *Engineer* Certified system made up of *proprietary* components. It is to supply water to all plant life which is part of the *Work*, at a rate & consistency to promote that plant life health.

The irrigation system is to be designed & installed by a specialist Irrigation Subcontractor. **SUBMIT** proposed Irrigation Subcontractor details of experience & capability.

The automated proprietary system shall comprise parts including timer / controller, back-flow prevention & appropriate line-work / dripper line to irrigate on-slab planters. All Components must meet AS standards (refer item 1.2 above) and be installed by an approved, licensed irrigation contractor.

2.3 The Irrigation System

General

The system will be comprised of: - Water piping & connection to the water mains supply, pressure rating

of *min* Kpa to suit to successful contractor's recommendations. - Electrical cabling & connection to the electrical mains supply.

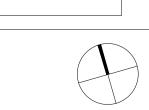
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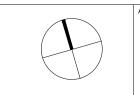
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BKA ARCHITECTURE



Suit 101, 506 Miller Street. enquiries@conzept.net.au

CORRIDOR FOR SERVICE DOOR

27X2.5

—L/⊅

4.2X6.0

2.7×2.5

L/D-

4.2X6.0

2.7×2.5

L/D-

4.2X6.0

NOTATION/AMENDMENT COUNCIL A 06.09.2023 Preliminary plan prepared for review WOLLONGONG CITY B 08.09.2023 Co-ordinated with client's comments C 03.11.2023 Submission for DA D 19.04.2024 Co-ordinated with updated architectural plans E 11.06.2024 Co-ordinated with updated architectural plans CHARBEL KAZZI

PROPOSED MIXED DEVELOPMENT 357-363 Crown St & 2-4Gladstone Ave WOLLONGONG

IRRIGATION CONCEPT PLAN **DEVELOPMENT APPLICATION** - FOR EXISTING TREE 1:100 @ A1 **JUNE 2024** ROJECT NO: PAGE NUMBER LP14 L.Z R.F LPDA 24 - 47

CORRIDOR FOR SERVICE DOOR

2.7×2.5

L/D-

4.2X6.0

27X2.5

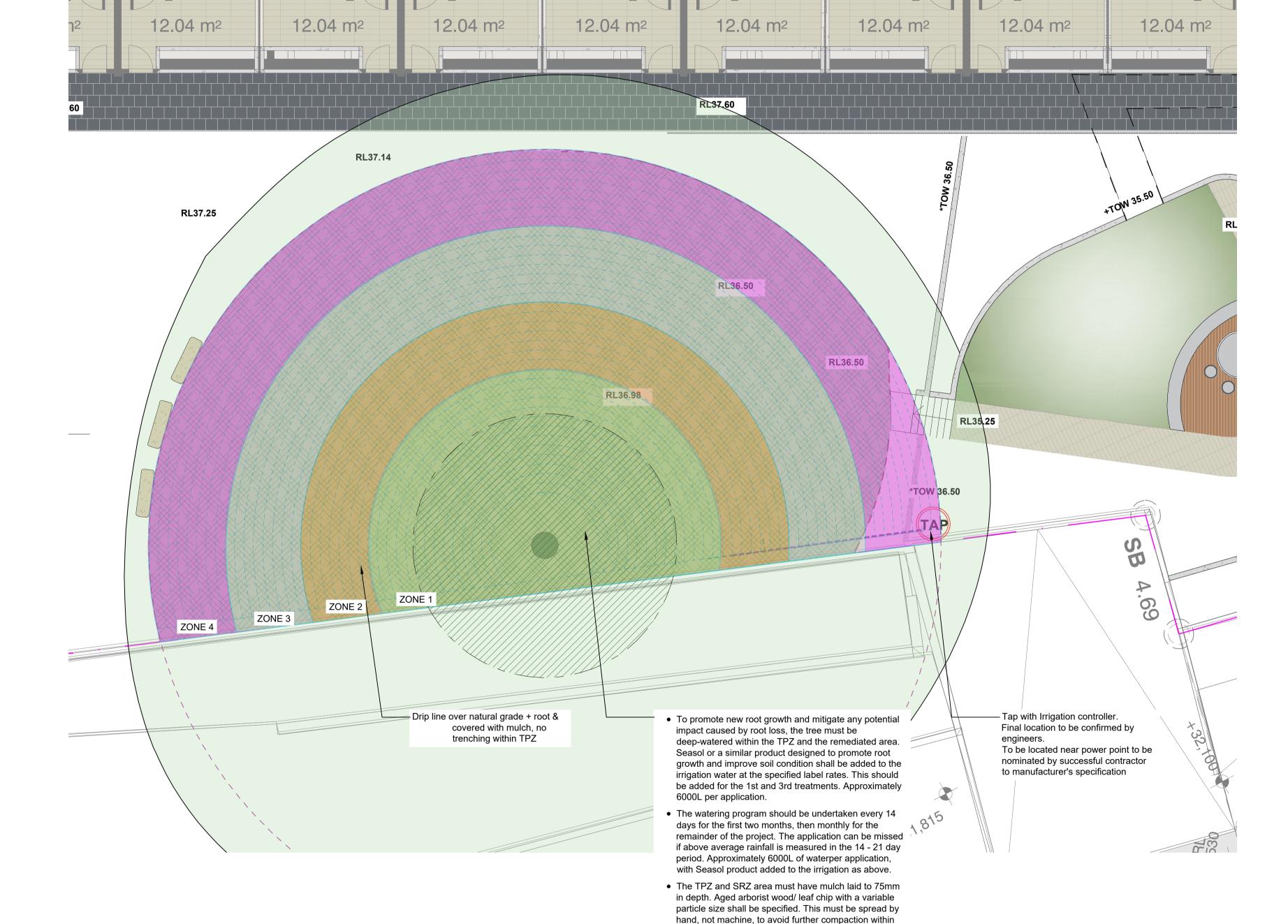
–L/⊅

4.2X6.0

27X2.5

-L/⊅

4.2X6.0



27X2.5

–L/⊅

4.2X6.0

L/D-

4.2X6.0

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