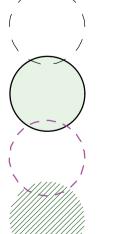
Spe	ees based on Arboricultural Impact pcies	Size (Ht x Sp)	TPZ	Action
	alyptus sp. ygium luehmannii	7x6 5x5	3.5 2.7	Retain Retain
Cor	ymbia gummifera	18x6	4.9	Retain
-	jophora costata alyptus sp.	20x10 12x8	5.4 5.0	Retain Retain
	ymbia gummifera	20x10	6.8	Remov
	ymbia gummifera	13x4	3.2	Remov
-	jophora costata ymbia gummifera	18x14 12x5	8.0 3.4	Remov Remov
Cor	ymbia gummifera	22x7	5.8	Retain
	jophora costata ymbia gummifera	23x11 12x6	7.6 3.9	Retain Remov
	jophora costata	25x15	9.0	Remov
	alyptus sp.	13x10	5.5	Remov
-	jophora costata ymbia gummifera	20x4 20x6	4.3 5.3	Remov Remov
Ang	ophora costata	16x8	5.5	Remov
	us benjamina Jophora costata	6x6 18x14	3.0 8.0	Remov Retain
	hontophoenix cunninghamii	6x4	2.5	Remov
-	igrus romanzoffianum	8x6	3.5	Remov
	ıs benjamina hontophoenix cunninghamii	6x7 8x5	4.0 3.0	Remov Remov
Ulm	us parvifolia	8x10	5.0	Remov
	ditsia triacanthos suarina glauca	6x5 12x4	3.0 2.5	Remov Remov
	jophora costata	20x10	2.5 5.5	Remov
Euc	alyptus sp.	18x16	7.5	Remov
	efflera actinophylla alyptus sp.	9x5 17x11	3.0 6.5	Remov Remov
Gle	ditsia triacanthos	6x7	4.0	Remov
	hontophoenix cunninghamii	10x4	3.0	Remov
-	ıgrus romanzoffianum ıgrus romanzoffianum	11x5 10x4	3.0 3.0	Remov Remov
Cith	arexylum spinosum	9x7	4.0	Remov
-	gophora costata	14x12	7.8	Remov
	us sp. alyptus sp.	5x5 18x10	3.0 5.5	Remov Retain
Sch	efflera actinophylla	6x1	2.0	Remov
	nus sp. ıs carica	6x8 6x6	4.0 3.2	Remov Remov
	alyptus sp.	17x8	5.0	Remov
Cal	listemon viminalis	6x5	2.6	Remov
-	grus romanzoffianum shingtonia robusta	8x4 6x3	2.4 3.0	Remov Remov
Sch	efflera actinophylla	10x6	3.6	Remov
-	grus romanzoffianum	7x3.5	2.5 2.5	Remov
-	grus romanzoffianum alyptus tereticornis	6x3.5 22x18	2.5 12.0	Remov Remov
Syz	ygium luehmannii	6x4	2.2	Remov
-	ygium luehmannii alyptus tereticornis	6x4 13x8	2.2 4.5	Remov Remov
	listemon salignus	9x5	4.5 3.0	Remov
Bar	ksia serrata	9x3.5	2.5	Retain
	ygium australe ouchina granulosa	9x9 6x7	5.0 5.0	Retain Retain
	ygium australe	9x6	4.0	Retain
Syz	ygium australe	9x6	4.0	Retain
	ygium australe ygium australe	9x7 9x7	4.0 4.0	Retain Retain
Syz	ygium australe	9x7	4.0	Retain
	sa sp.	7x7	5.4 6.3	Retain Remov
	inus areira Igrus romanzoffianum	11x12 13x5	6.3 3.0	Remov Retain
Arc	hontophoenix cunninghamii	11x4	3.0	Retain
	hontophoenix cunninghamii osma senticosa	10x4 7x7	3.0 4.0	Retain Retain
-	osma senticosa	6x6	4.0 3.5	Retain
Sya	grus romanzoffianum	11x5	3.2	Retain
	igrus romanzoffianum osma senticosa	9x4 6x5	3.0 3.0	Retain Retain
-	igrus romanzoffianum	9x4.5	3.0	Retain
Sya	grus romanzoffianum	11x4.5	3.0	Retain
	ıgrus romanzoffianum ıgrus romanzoffianum	10x4.5 9x4.5	3.0 3.0	Retain Retain
Sya	grus romanzoffianum	10x4.5	3.0	Remov
-	grus romanzoffianum	11x4.5	3.0	Remov
-	ıgrus romanzoffianum vea forsteriana	12x4.5 9x5	3.0 3.0	Remov Remov
Hov	vea forsteriana	7x4	2.5	Remov
	vea forsteriana	8x4	2.5	Remov
	igrus romanzoffianum meria rubra	14x6 3.5x4	3.8 2.2	Remov Remov
Lop	hostemon confertus	13x9	6.6	Retain
	hostemon confertus	14x9 10x8	5.8 5.2	Retain Remov
-	hostemon confertus ‹sonia antarctica	10x8 2x2	5.2 2.6	Remov
Dur	anta erecta 'Variegata'	4.5x5	2.5	Remov
	nellia sasanqua	4.5x5 5x4	2.5 2.2	Remov
	buchina granulosa raya paniculata	5x4 3x3	2.2 2.0	Remov Remov
Cal	listemon sp.	6x4	3.6	Remov
Pru	nus sp.	5x4	2.6	Remov Retain
	us floribunda iperus sp.	8x9 3.5x3	4.5 2.0	Retain Remov
Fra	xinus griffithii	6x8	4.8	Remov
	ouchina granulosa	5x5	3.0	Remov
	ouchina granulosa uidambar styraciflua	6x6 19x17	3.2 7.6	Remov Remov
Syz	ygium australe	6x5	2.6	Remov
Cith	arexylum spinosum	13x10	6.6	Remov
	alyptus botryoides ouchina granulosa	20x11 4.5x5	7.0 2.6	Retain Remov
Euc	alyptus elata	12x7	6.0	Remov
Euc	alyptus elata	13x8 15x10	5.6 5.0	Remov
	alyptus elata alyptus elata	15x10 15x10	5.0 6.0	Remov Remov
Суа	ithea cooperi	4x4	2.2	Remov
Cya	ithea cooperi	4x4	2.2	Remov
	vea forsteriana elitzia nicolai	7x3.5 7x5	2.5 3.4	Remov Remov
Ct-		1 10	J. 4	REHION



EXISTING VEGETATION



Trees proposed to be removed refer to arborist for tree removal measures

Trees proposed to be retained and protected refer to arborist report for tree protection measures

Trees protection zone refer to arborist report

Structural root zone refer to arborist report

 General Note:

 Figured dimensions ake preference to scale readings. Verily all dimensions on site. PDF d plans may vary slightly in Scale for that indicated on plans. Report and discrepancials to the Landscape Architect brefere proceeding with the work.
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 This drawing is not signed off For Construction it may be subject to change, alteration or amendment at the discretion of our office.
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 Wetween the copyright act 1968. The second part of this drawing is not signed off For Construction it may be subject to change.
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GENERAL NOTE:



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TREE REQUIREMENT

This site is 5740.4m2 and requires 19 trees that reach a height of 10m have been included in the Landscape Plan refer to Section 6 of Arboricultural Impact Assessment by Walter Chan in Nov 2024

Existing trees to be removed as per arborist recommendation.

New replaced trees to include:

- *5 x Corymbia gummifera* 6 x Acmena smithii
- 2 x Waterhousia floribunda 5 x Banksia serrata
- 6 x Elaeocarpus reticulatus

LANDSCAPE ARCHITECT:		COUNCIL	REV	DATE	NOTATION/AMENDMENT	PROJECT:
and the second second	Suit 101, 506 Miller Street,	NORTHERN BEACHES	Α	04.09.23	Preliminary plan prepared for review	PROPOSED RESIDENTIAL
	CAMMERAY NSW 2062					
1	Phone: 9922 5312		н	14.03.24	Coordinated with architectural updates	DEVELOPMENT
6	Mob: 0413 861 351	CLIENT	I	04.04.24	Coordinated with civil eng's updates	
	www.conzept.net.au		J	24.10.24	Coordinated with architectural updates	116-120 FRENCHS FOREST RD WEST
conzept	enquiries@conzept.net.au	KEVIN HUANG	К	13.11.24	Issued for submission	
Landscape Architects						GLADYS AVE, FRENCHS FOREST
		1	1	1		1

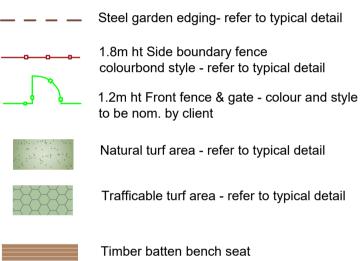
	TITLE:		STATUS:	
	TREE SURVEY		DEVELOPMENT APPLICATION	
			SCALE:	DATE:
& 11			1:200 @ A1	NOV 2024
	DWG.No:	PAGE NUMBER:	DRAWN:	CHECKED:
	LPDA 24 - 44	1	L.Z	R.F

Scale: NTS



EXISTING VEGETATION

	Trees proposed to be removed and replaced with new landscaping
$\left(\begin{array}{c} \\ \end{array}\right)$	Trees proposed to be retained and protected
	Trees protection zone refer to arborist report
	Structural root zone
	Site boundary line
	Level above outline
	Level below outline
	Steel garden edging, refer to typical det



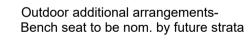
Paved pathway- to architect's details

Permeable paved path for maintenance - refer to typical detail

Retaining wall/ raised garden planter - refer to typical detail

Outdoor additional arrangements- BBQ to be nom. by future strata

Outdoor additional arrangements-Picnic table to be nom. by future strata





Pergola structure - to architect's details SW pits- refer to civil eng's detail

WILD LIFE CORRIDOR

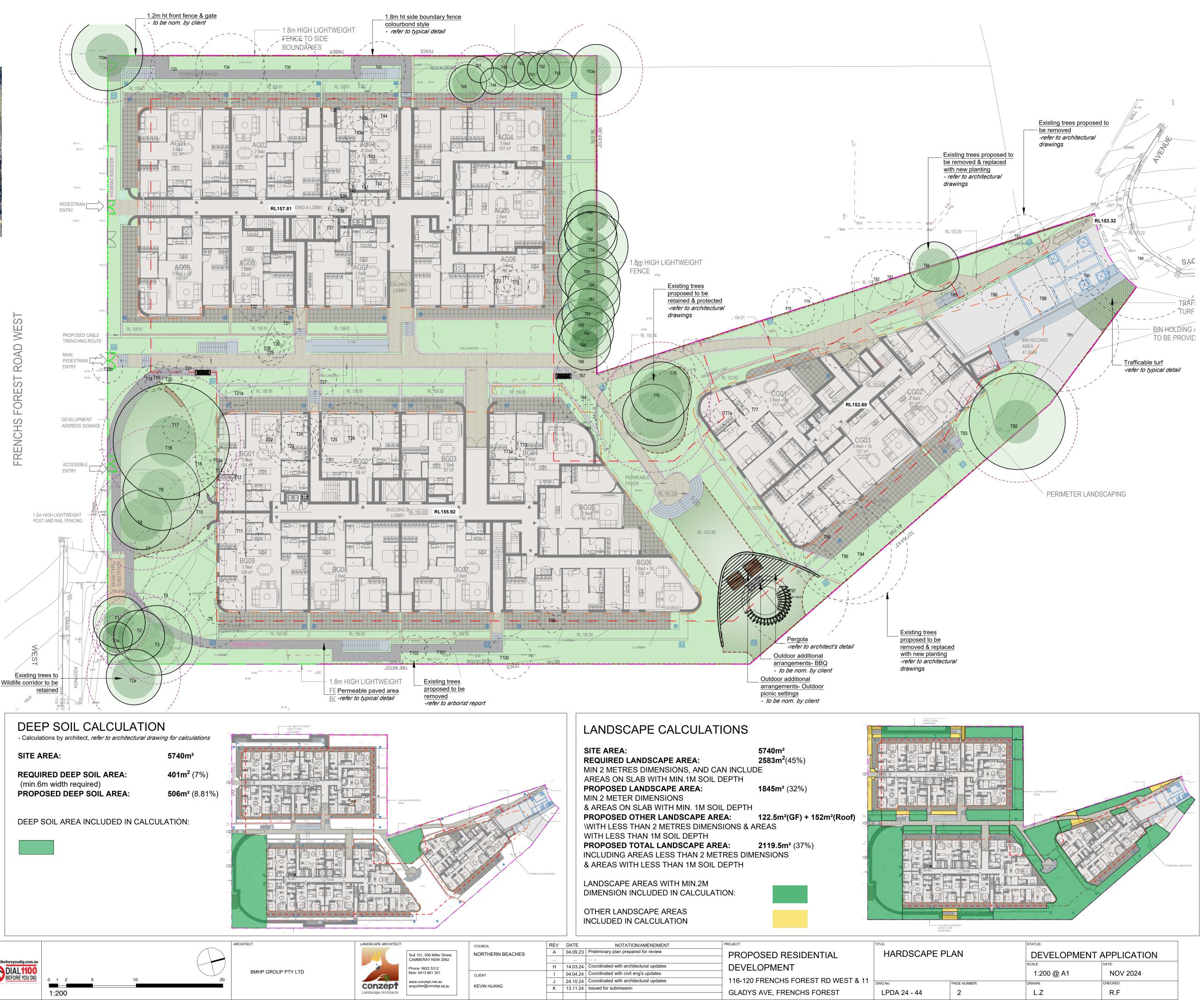
Objectives to preserve and enhance the area's amenity, and to improve air quality, prevent soil erosion, and to provide natural habitat for local wilflife, etc. refer to Warrringah DCP Part D E4



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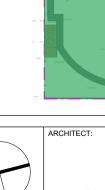




DEEP SOIL CALCULATION

SITE AREA:

DEEP SOIL AREA INCLUDED IN CALCULATION:



LEGEND & SCHEDULE

NOTES:

1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR. 2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE

RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED

PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT.

3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH APPROVED LANDSCAPE PLANS.

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

MFF 🎍

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CYA

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 7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS

CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE

CANOPY TREES - trees selected from replacement planting list of the arborist report marked as 🛧 Botanical Name: Acmena smithii * **Common Name:** Lillypilly(Native) AS Pot size: 100Lt Mature H x S: 13-20m x 8-15m Qty Required: 6 Botanical Name: Corymbia gummifera * Common Name: Red Bloodwood (Native) CYA 100Lt Pot size: CG Mature H x S: 20m+ x 14-20m Qty Required: 3 Botanical Name: Waterhousia floribunda \star **Common Name:** Weeping Lilly Pilly (Native) WF Pot size: 100Lt Mature H x S: 10m x 6m Qty Required: 2 РХ Botanical Name: Banksia serrata * **Common Name:** Old Man Banksia (Native) 100Lt Pot size: BS 🞇 Mature H x S: 8-10m x 4-5m Qty Required: LLT 4 **FEATURE & GARDEN SCALE TREES** Botanical Name: Elaeocarpus reticulatus * **Common Name:** Blueberry Ash (Native) 75Lt DASF y ER Pot size: ER Mature H x S: 8-10m x 6-7m Qty Required: 4 Botanical Name: Lagerstroemia indica **Common Name:** Crepe myrtle (Exotic) LI 75Lt Pot size: DR Mature H x S: 8m x 5m Qty Required: 1 Botanical Name: Buckinghamia celsissima **Common Name:** Ivory Curl Flower (Native) Pot size: 75Lt BC Mature H x S: 7m x 3m Qty Required: 6 **SHRUBS & SCREEN PLANTING** MPY Botanical Name: Viburnum odoratissimum **Common Name:** Sweet Viburnum (Exotic) 200mm Pot size: Mature H x S: 3m x 2m Qty Required: 85 Botanical Name: Alpinia zerumbet 'Variegata' **Common Name:** Variegated Shell Ginger (Exotic) AZV 200mm MIX 1 Pot size: Mature H x S: 1.8m x 0.8m Qty Required: 12 Botanical Name: Murraya paniculata **Common Name:** Orange Jessamine (Exotic) Pot size: 200mm MP Mature H x S: 3m x 2m Qty Required: 151 MIX 3 🔎 Botanical Name: Leucophyta brownii **Common Name:** Cushion Bush (Native) Pot size: 200mm LB Mature H x S: 1.2m x 1.2m Qty Required: 10 MIX 4 🗾 Botanical Name: Grevillea 'Crimson Villea' **Common Name:** Crimson Villea Grevillea (Native) GC 200mm Pot size: Mature H x S: 0.8m x 0.8m Qty Required: 11 Botanical Name: Nandina domestica 'Flirt' Common Name: Heavenly Bamboo (Exotic) NDF Pot size: 200mm Mature H x S: 0.3-0.6m x 0.5m Qty Required: 107 Botanical Name: Callistemon 'Better John' **Common Name:** Better John Bottlebrush (Native) CBJ 200mm Pot size: Mature H x S: 1m x 0.9m Qty Required: 16 Botanical Name: Rhagodia 'Aussie Flat Bush' **Common Name:** Salt Bush (Native)

200mm

Botanical Name: Grevillea 'Honey Gem'

300mm

200mm

Common Name: Honey Gem Grevillea (Native)

Botanical Name: Banksia spinulosa 'Birthday Candles'

Common Name: Banksia Birthday Candles (Native)

Mature H x S: 0.5m x 0.9m

Mature H x S: 3-5m x 2-3m

Mature H x S: 0.6m x 0.9m

Qty Required: 13

Qty Required: 4

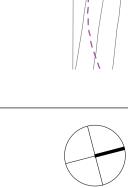
Qty Required: 17

733a Botanical Name: Metrosideros 'Fiji Fire' **Common Name:** NZ Christmas Bush (Exotic) Pot size: 200mm **Mature H x S:** 2m x 1.8m Qty Required: 16 Botanical Name: Doryanthes excelsa **Common Name:** Gymea Lily (Native) Pot size: 300mm Mature H x S: 1.1m x 1m Qty Required: 4 **Botanical Name:** *Cyathea australis* **Common Name:** Rough Tree Fern (Native) 45Lt Pot size: **Mature H x S:** 2.5-5m x 3m Qty Required: 6 Botanical Name: Rhaphis excelsa **Common Name:** Rhaphis Palm (Exotic) 200mm Pot size: Mature H x S: 3m x 1.5m Qty Required: 100 **Botanical Name:** Cyathea australis **Common Name:** Rough Tree Fern (Native) Pot size: 45Lt IAN _____ **Mature H x S:** 2.5-5m x 3m Qty Required: 6 **GROUNDCOVERS & GRASSES** Botanical Name: Philodendron 'Xanadu' **Common Name:** Xanadu Plant (Exotic) 140mm Pot size: **Mature H x S:** 0.7m x 0.7m Qty Required: 13 Botanical Name: Lomandra longifollia 'Tanika' **Common Name:** Dwarf Mat Rush (Native) 150mm Pot size: Mature H x S: 0.8m x 0.8m Qty Required: 14 Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic) 140mm Pot size: Mature H x S: 0.15m x spreading Qty Required: 9/m2 (3m2 total) Botanical Name: Dichondra repens SED CABLE **Common Name:** Kidney Weed (Native) **HING ROUTE** 140 Pot size: Mature H x S: 0.15m x spreading Qty Required: 9/m2 (10.5m2 total) 'RIAN I Botanical Name: Brachyscome multifida **Common Name:** *Cut-leaf daisy* (Native) 140mm Pot size: **Mature H x S:** 0.4m x 0.5m Qty Required: 5/m2 (5.5m2 total) Botanical Name: Myoporum parvifolium 'Yareena' **Common Name:** Creeping Boobialla (Native) Pot size: 140mm - 5 LB · Mature H x S: 0.15m x spreading - 2 DE Qty Required: 7/m2 (5m2 total) - 6 DC · - 11 LLT |AGE PLANTING MIX 1: - 12m2 MIX 3 Pot size: Tube stock - 15m2 MIX 4 Mature H x S: < .5m Refer to matrix(52m2 total) Qty Required: - 1 WF - 2 BS SIBLE Planting Mix 2: Tube stock Pot size: Mature H x S: < .6m **Qty Required:** Refer to matrix(122m2 total) Planting Mix 3: Pot size: Tube stock Mature H x S: < .5m **Qty Required:** Refer to matrix(72m2 total)

Tube stock **Qty Required:** Refer to matrix(132m2 total)

> - 19 NDF - 3 LLT - 11 BSB - 20 MP

- 3 CG -- 2 BS Planting mix: - 35m2 MIX 2 - 35m2 MIX 3 - 45m2 MIX 4



12

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72a

ARCHITEC

15m

Trees

BS

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Pot size:

Pot size:

Pot size:

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GHG

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Bar Scale

Planting Mix 4: Pot size:

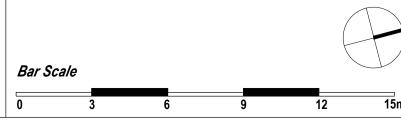
Mature H x S: < .8m

PLANTING MIX



₩EGEND & SCHEDULE Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic) NOTES DASF Pot size: 140mm 1. ALL FINAL PLANT QUANTITIES INDICATED ON PLANS SHALL BE CHECKED AND Mature H x S: 0.15m x spreading VERIFIED BY SUCCESSFUL LANDSCAPE CONTRACTOR. Qty Required: 9/m2 (6m2 total) 2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED JUCK Botanical Name: Dichondra repens PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT. **Common Name:** Kidney Weed (Native) 3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH DR E 11. 11. 11. 11. 11. Pot size: 140 APPROVED LANDSCAPE PLANS. Mature H x S: 0.15m x spreading 4. LANDSCAPE CONTRACTOR SHALL LOCATE AND AVOID SITE STORM WATER & Qty Required: 9/m2 (7m2 total) DRAINAGE SERVICES. LOCATE TREES A MINIMUM 1.25M FROM PITS Botanical Name: Brachyscome multifida 5. ALL PLANTING AROUND EXISTING TREES SHALL BE ADJUSTED TO AVOID **Common Name:** *Cut-leaf daisy* (Native) DAMAGE AND CLASHING WITH SURFACE ROOTS BM 140mm Pot size: 6. THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND Mature H x S: 0.4m x 0.5m ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS Qty Required: 5/m2 (27m2 total) STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED Botanical Name: Myoporum parvifolium 'Yareena' DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR **Common Name:** Creeping Boobialla (Native) MPY NEW WORK IN THIS AREA. 140mm Pot size: 7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS Mature H x S: 0.15m x spreading CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE Qty Required: 7/m2 (6.5m2 total) CANOPY TREES - trees selected from replacement planting list of the arborist report marked as * PLANTING MIX Botanical Name: Corymbia gummifera * PLANTING MIX 1: **Common Name:** Red Bloodwood (Native) Tube stock Pot size: Pot size: 100I t Mature H x S: < .5m CG MIX 1 Mature H x S: 20m+ x 14-20m Refer to matrix(11m2 total) Qty Required: Qty Required: 2 Planting Mix 2: **FEATURE & GARDEN SCALE TREES** Tube stock Pot size: Botanical Name: Elaeocarpus reticulatus * MIX 2 Mature H x S: < .6m **Common Name:** Blueberry Ash (Native) **Qty Required:** Refer to matrix(15m2 total) Pot size: 75I t 🖌 ER ER Mature H x S: 8-10m x 6-7m Planting Mix 3: Qty Required: 3 Tube stock MIX 3 🗲 Pot size: Mature H x S: < .5m Botanical Name: Lagerstroemia indica **Qty Required:** Refer to matrix(20m2 total) **Common Name:** Crepe myrtle (Exotic) LI Pot size: 75L t Planting Mix 4: Mature H x S: 8m x 5m Tube stock MIX 4 Pot size: Qty Required: 3 Mature H x S: < .8m Qty Required: Refer to matrix(30m2 total) Botanical Name: Buckinghamia celsissima **Common Name:** Ivory Curl Flower (Native) Pot size: 75Lt BC Mature H x S: 7m x 3m Qty Required: 1 **SHRUBS & SCREEN PLANTING** Botanical Name: Viburnum odoratissimum **Common Name:** Sweet Viburnum (Exotic) VO 200mm Pot size: Mature H x S: 3m x 2m Qty Required: 49 Botanical Name: Alpinia zerumbet 'Variegata' **Common Name:** Variegated Shell Ginger (Exotic) AZV Pot size: 200mm Mature H x S: 1.8m x 0.8m Qty Required: 36 Botanical Name: Grevillea 'Crimson Villea' **Common Name:** Crimson Villea Grevillea (Native) GC Pot size: 200mm Mature H x S: 0.8m x 0.8m Qty Required: 10 Botanical Name: Nandina domestica 'Flirt' **Common Name:** Heavenly Bamboo (Exotic) NDF Pot size: 200mm Mature H x S: 0.3-0.6m x 0.5m Qty Required: 14 AN AUTOMATED COMMERCIAL GRADE IRRIGATION SYSTEM SHALL K(51/14 Botanical Name: Callistemon 'Better John' BE PROFESSIONALLY INSTALLED TO ALL GARDEN AREAS, **Common Name:** Better John Bottlebrush (Native) INCLUDING RAISED PLANTERS, UPPER FLOOR PLANTERS AND CBJ Pot size: 200mm GARDENS IN NATURAL GROUND. THE SYSTEM SHALL BE **Mature H x S:** 1m x 0.9m DESIGNED AND INSTALLED IN LINE WITH THE IRRIGATION Qty Required: 9 PERFORMANCE SPECIFICATION, BY A LICENCED CONTRACTOR OR LANDSCAPER. THE LICENCED CONTRACTOR SHALL PREPARE Botanical Name: Banksia spinulosa 'Birthday Candles' AN 'AS BUILT' PLAN OF THE SYSTEM TO THE SUPERINTENDENT **Common Name:** Banksia Birthday Candles (Native) FOR STRATA RECORDS, FOR FUTURE MAINTENANCE. BSB Pot size: 200mm Mature H x S: 0.6m x 0.9m Qty Required: 5 LANDSCAPE PLAN NOTES Botanical Name: *Metrosideros* 'Fiji Fire' **Common Name:** NZ Christmas Bush (Exotic) MFF 🐮 🛛 This plan should be read in conjunction with the architectural and 200mm Pot size: Mature H x S: 2m x 1.8m hydraulics plans. Work specific to these plans should be prepared in Qty Required: 41 accordance to these plans, including specification and details prior to the Botanical Name: Dorvanthes excelsa installation of landscaping, and should not be altered or compromised **Common Name:** Gymea Lily (Native) during landscape construction. Retaining wall details to engineers Pot size: 300mm design. Mature H x S: 1.1m x 1m Elements such as drainage swales may be incorporated in garden bed Qty Required: 2 areas (using non-floatable mulch) without compromising the capacity or **Botanical Name:** Cyathea australis form. **Common Name:** Rough Tree Fern (Native) CYA 45Lt Pot size: Mature H x S: 2.5-5m x 3m This plan has been prepared for Development Application approval Qty Required: 4 only, not for construction. Botanical Name: Monstera deliciosa **Common Name:** *Ceriman (Exotic)* This plan has been prepared with reference to *NORTHERN BEACHES* MD Pot size: 300mm COUNCIL'S Landscaping Guidelines & requirements. Planting proposed Mature H x S: 1.5m x 2m using commercially available plant species selected from local planting lists Qty Required: and the BASIX local plant list and from Sydney Waters "Plant Selector" Botanical Name: Doodia aspera web site one-drip rated native plants (acceptable for BASIX planting). **Common Name:** Prickly Rasp Fern (Native) DA 150mm Pot size: The Design & location of new letter boxes shall be in accordance with Mature H x S: 0.4m x 0.5m Australia Post's "Requirements for Delivery of Mail to Residential Qty Required: 33 Premises" published Feb '97. All noxious weeds listed in Councils weed **GROUNDCOVERS & GRASSES** lists & located on the site shall be continually removed & suppressed. Botanical Name: *Philodendron 'Xanadu'* Reinstate all boundary fencing in poor condition with Council approved **Common Name:** Xanadu Plant (Exotic) 1.8m fencing to rear of building line, rake to 1m forward of BL. Pollution, PX Pot size: 140mm sediment & erosion control devices as specified shall be in place, and Mature H x S: 0.7m x 0.7m maintained for the duration of the construction period. Proposed excavation Qty Required: 57 near existing established trees to be supervised by arborist. Botanical Name: Lomandra longifollia 'Tanika'

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.



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Pot size:

Qty Required:

LLT

GENERAL NOTE:



Common Name: Dwarf Mat Rush (Native)

150mm

46

Mature H x S: 0.8m x 0.8m





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NORTHERN BEACHES
CLIENT
KEVIN HUANG

COUNCIL

REV	DATE	NOTATION/AMENDMENT	PROJECT:
А	04.09.23	Preliminary plan prepared for review	PROPOSED RES
Н	14.03.24	Coordinated with architectural updates	DEVELOPMENT
Ι	04.04.24	Coordinated with civil eng's updates	_
J	24.10.24	Coordinated with architectural updates	116-120 FRENCHS FC
K	13.11.24	Issued for submission	
			GLADYS AVE, FRENC

SIDENTIAL OREST RD WEST & ICHS FOREST

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	LPDA 24 - 44	4	L.Z	R.F

LEGEND & SCHEDULE

NOTES:

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

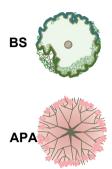
2. ANY PLANT SUBSTITUTES REQUIRED DUE TO UNAVAILABILITY SHALL BE RECOMMENDED BY THE LANDSCAPE CONTRACTOR TO BEST MATCH SUBSTITUTED PLANTS AND APPROVED PRIOR TO PURCHASING BY THE LANDSCAPE ARCHITECT. 3. WORKS CERTIFIED FOR FINAL OCCUPANCY CERTIFICATE ARE TO MATCH APPROVED LANDSCAPE PLANS.

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

6. THE NATURE STRIP (STREET FRONTAGE) FOR THE SITE IS PUBLIC LAND, AND ONLY AUTHORIZED WORKS MAY OCCUR HERE. EXISTING CONDITIONS SUCH AS STREET TREES, COUNCIL PLANTING ETC SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION, UNLESS SPECIFIC APPROVAL HAS BEEN GRANTED FOR NEW WORK IN THIS AREA.

7. ALL TREES TO BE SOURCED IN ACCORDANCE WITH TESTS AND MEASUREMENTS CONTAINED WITHIN AS 2303-2015 - TREE STOCK FOR LANDSCAPE USE

TREES



Botanical Name: Banksia serrata **Common Name:** Old Man Banksia (Native) Pot size: 45Lt Mature H x S: 5m x 3m Qty Required: 4 Botanical Name: Acer palmatum 'Ariadne' **Common Name:** Japanese maple (Exotic) Pot size: 45Lt Mature H x S: 3m x 4m Qty Required: 6

SHRUBS & SCREEN PLANTING

SC	\bigcirc	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Syzygium 'Cascade'</i> Cascade Lilly Pilly (Native) 200mm 2.5m x 1.8m 26
МТ	0	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Metrosideros</i> 'Tahiti' NZ Christmas Bush (Exotic) 200mm 1m x 1m 5
WAB	\bigcirc	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Westringia 'Aussie Box'</i> Westringia Aussie Box (Native) 200mm 0.9m x 0.9m 17
RI		Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Rhaphiolepis indica</i> Indian Hawthorn (Exotic) 200mm 1.5m x 1.8m 9
RF	¥	Botanical Name: Common Name: Pot size: Mature H x S: Qty Required:	<i>Russelia equisetiformis</i> Firecracker (Exotic) 200mm 1m x 1.2m 25
BSB	١	Botanical Name: Candles' Common Name: Pot size: Mature H x S: Qty Required:	<i>Banksia spinulosa 'Birthday</i> Banksia Birthday Candles (Native 200mm 0.6m x 0.9m 8

GROUNDCOVERS & GRASSES

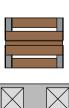
Botanical Name: Dichondra argentea 'Silver Falls' **Common Name:** Silver Falls Dichondra (Exotic) DASF Pot size: 140mm Mature H x S: 0.15m x spreading Qty Required: 9/m2 (22m2 total) Botanical Name: Carpobrotus 'Aussie Rambler' **Common Name:** Aussie Rambler Pigface (Native) 140mm v v v v v v v v Pot size: CAR Mature H x S: 0.25m x spreading Qty Required: 7/m2 (12m2 total) Botanical Name: Trachelospermum 'Tricolour' **Common Name:** Tricolour Jasmine (Exotic) TT 140mm Pot size: Mature H x S: 0.2m x spreading

Qty Required: 5/m2 (13m2 total)

OTHER LANDSCAPE ITEMS



to typical detail — Safety balustrade



GENERAL NOTE:

Outdoor additional arrangements-Picnic settings to be nom. by client

Retaining / raised planter wall - refer

Outdoor additional arrangements-BBQ to be nom. by client

Outdoor additional arrangements-Small fixed table to be nom. by client

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Communal Open Space Rooftop Terraces GENERAL NOTE

BCA & Australian Standards (AS):

Building codes and standards are established on a federal level by the nationally recognised Building Code of Australia (BCA), & these apply to all phases of construction, including balustrade design and specification. Specifically, BCA 2012 Parts 3.9.1 (stairs) and 3.9.2 (balustrades) and Australian Standard 1170.1 cover regulations for balustrades on stairways, balconies, rooftop terraces and other surfaces between levels.

BCA Balustrade Regulations and Standards

A balustrade is defined as a rail and its balusters (posts or other supporting members). BCA regulations state that a balustrade must:

- Be at least 1 metre high as measured from the finished floor;
- Have openings between risers or posts no greater than 125mm; and
- Be able to withstand loads and impacts as determined by AS 1170.1

The height regulation of 1 metre ensures the balustrade is high enough to provide prevention against falling over the balustrade. The openings between risers or posts cannot be greater than 125mm to prevent children from falling between them. Load and impact regulations are designed to ensure balustrades can resist impact or will not collapse when pressure is applied to them from any direction.

Balustrade Safety & Planters

BCA regulations state that the balustrade must be 1 metre or more, higher than the finished floor. On roof-top terraces, planters & furniture are often incorporated in the landscape design. It's important for compliance and safety that these elements do not undermine the safety of Communal Open Space (COS) terraces and rooftops, and the compliance with the BCA and AS's are maintained.

Items to consider are:

- Where planters form the safety balustrade, their internal face must be 1m non-climbable
- Outdoor furniture such as tables, BBQs, and seating shall be fixed and located a minimum 1m away from balustrades
- Where furniture is proposed to be fixed or adjacent to COS terrace planters which form the balustrade, then a compliant handrail will be required to be fixed to the external edge of the planter

A concern for COS areas on rooftops or terrace areas is that the strata will add loose furniture which ultimately could undermine the safety of the installed balustrades. In this case, it shall be the strata bodies responsibility to manage the safety of these areas.

Ultimately, the compliance and safety of the COS areas shall be the responsibility of the builder, and carefully inspected and certified at the Occupation Certificate (OC) stage of the development

Maintenance of COS area

Communal Open Space terrace and rooftop areas are exposed to extremes (wind, sun, and extreme weather) so maintenance is important. The following item should be included or considered:

- All planters shall be structurally water-proofed, with this work certified and periodically inspected. Trades should be closely monitored so they do not subsequently damage completed waterproofing
- All planters shall be irrigated with an automated system set on an approved watering pattern. Moisture gauges should be installed in some planters to minimize overwatering
- **Tree Anchors** shall be installed in high wind areas to larger plants, such as palms & small trees
- Compliance for balustrades and handrails should be monitored regularly
- For the maintenance of large rooftop areas and planters without external balustrades, anchoring points for tying off harnesses for landscape maintenance workers are essential



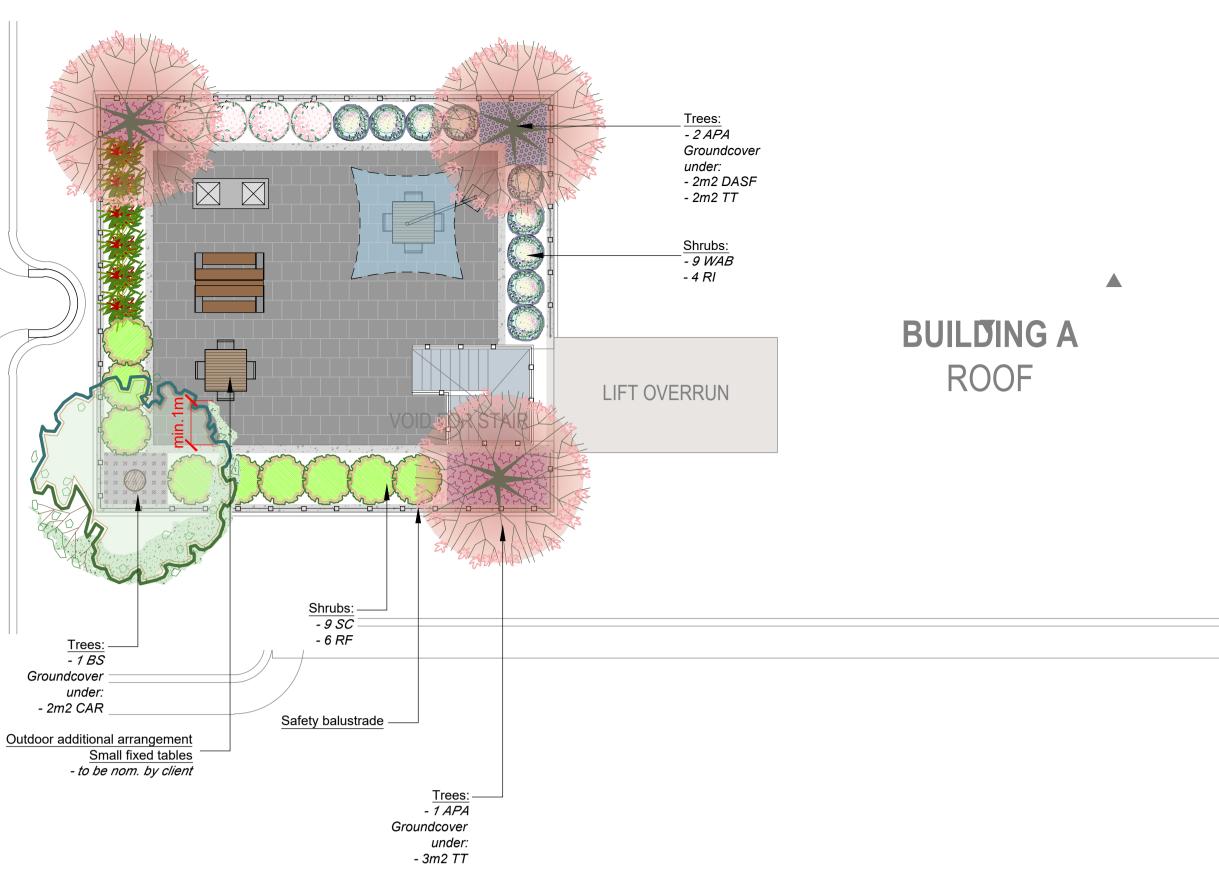
FOR ADVANCED TREE PLANTING IN HIGH WIND AND ROOFTOP LOCATIONS, IT IS RECOMMENDED THAT AN APPROVED ROOT BALL ANCHORING SYSTEM EQUAL TO 'PLATIPUS OR ZINCO ANCHORS' SHALL BE USED. INSTALL AS PER THE MANUFACTURERS SPECIFICATION

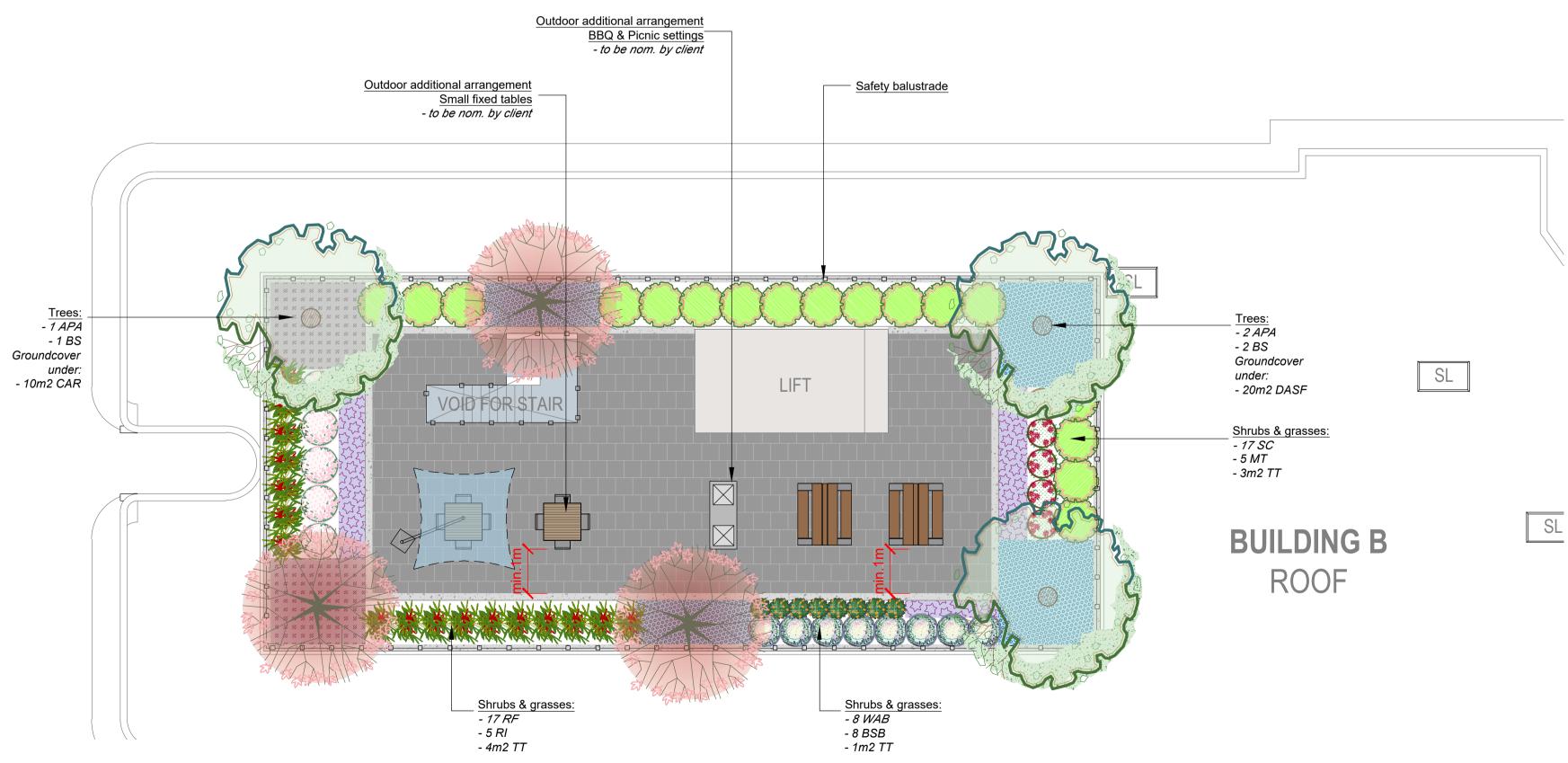


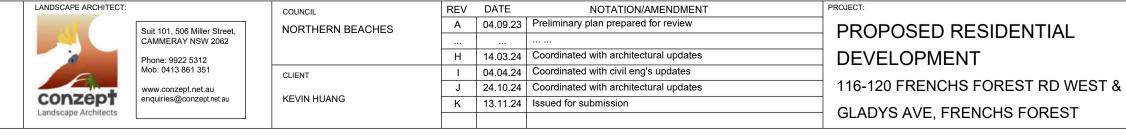


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LANDSCAPE WORK SPECIFICATION

PRELIMINARIES

1.01 GENERAL

The following general conditions should be considered prior to the commencement of landscape works: The landscape plans should be read in conjunction with the architectural plans, project arborist's assessment

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

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 in accordance with (AS)4970-Protection of trees on development sites as well as in accordance with the tree protection measures prepared by project arborist

Where general works are occurring around such trees, or pruning is required, a qualified Arborist shall be engaged to

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

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

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.

1.04 EROSION & POLLUTION CONTROL

characteristics of the site.

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

Erosion & pollution control measures shall incorporate the following:

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

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

SOIL WORKS

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 gardens & proposed Planting

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

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

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

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

a) Testing All testing is to be conducted in accordance with AS 1289 Methods for testing soils for engineering purposes. Site 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 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.

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

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

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

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 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 planting and turfing.

PLANTING 3.01 MATERIALS

a) Quality and Size of Plant Material All trees supplied above a 25L container size must be grown and planted in accordance with AS 2303:2018 'TREE

STOCK FOR LANDSCAPE USE' Certification that trees have been grown to AS 2303:2018 is to be provided upon request of Council's Tree Management Officer.

Above - Ground Assessment:

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

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.

b) Stakes and Ties

GENERAL NOTE

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 per council specification where is available. Ties shall be 50mm wide hessian webbing material

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c) Fertilisers 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.

d) Mulch Mulch shall be Eucy Mulch or approved equivalent naturally sources organic mulch. Mulch shall be completely free from

any soil, weeds, rubbish or other debris. Mulch for bio-retention/rain garden area where is required shall be non-floatable materials that could include crushed rock, gravel, coarse river sand, scoria or river pebbles. 4-7mm screenings or similar. e) Turf

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

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

b) Planting

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

c) Staking and Tying Staking and tying shall be in strict accordance with the drawings and shall occur immediately following plant placement

d) Mulchina Mulch shall be Eucy Mulch or approved equivalent naturally sources organic mulch. Mulch shall be completely free from any soil, weeds, rubbish or other debris. Mulch for bio-retention/rain garden area where is required shall be non-floatable materials that could include crushed rock, gravel, scoria or river pebbles. 4-7mm screenings or similar.

and soil backfilling. All plants identified as "Trees" on the planting schedule shall be staked with a min. 3 stakes.

e) Turfing

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

f) Steel edging

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

g) Earth retaining structure

All walls which form part of drainage works must be built as detailed by the hydraulic engineer. All walls exceeding 800mm shall be of not timber construction materials, construction details to be provided by a qualified engineer. Install wall to suit site levels and to manufacture's specification.

HARDSCAPE WORKS

4.01 GENERAL

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

by manufacturers specification Paving - refer to typical details provided, and applicable Australian Standards. Permeable paving may be used as a suitable means of satisfying Council permeable surface requirements, while providing a useable,

hardwearing, practical surface. In most instances, the client shall nominate the appropriate paving material to be used. Australian Standards shall be adhered to in relation to all concrete, masonry & metal work. Some details are typical and

may vary on site. All hardscape works shall be setout as per the drawings, and inspected and approved by the Landscape Architect prior to installation. All workmanship shall be of the highest standard. Any gueries 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

Design Requirements:

Services Co-ordination:

power provision and water supply

over a determined length of time.

Testing & Defects:

exceed 300Kpa

Warranty :

6.01 GENERAL

immediately rectified.

Further Documentation

CONSOLIDATION AND MAINTENANCE

The consolidation and maintenance period shall be either

any defects that become apparent in the contracted works.

Watering all planting and lawn areas / irrigation maintenance.

• Clearing litter and other debris from landscaped areas.

• Replacement of damaged, stolen or unhealthy plants.

Make good areas of soil subsidence or erosion.

• Spray / treatment for Insect and disease control.

• Fertilizing with approved fertilizers at correct rates.

Topping up of mulched areas.

Adjusting ties to Stakes

• Removing weeds, pruning and general plant maintenance.

• Maintenance of all paving, retaining and hardscape elements.

or as specified by Council in the Determination.

5.01 GENERAL (PERFORMANCE SPECIFICATION)

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

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

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

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

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

as agreed to in the landscape contractors contractual obligations.

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

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

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

position at 500mm centres with galv wire pins.

identify the preferred service and conduit locations.

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 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 Desigr 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.

Drawings - The Landscape Contractor nominated Licensed Irrigation Specialist shall provide irrigation drawings for approval upon engagement.

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

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

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

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

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

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

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

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

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

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

- 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

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

6 months beginning from the approved completion of the specified construction work (Practical Completion)

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

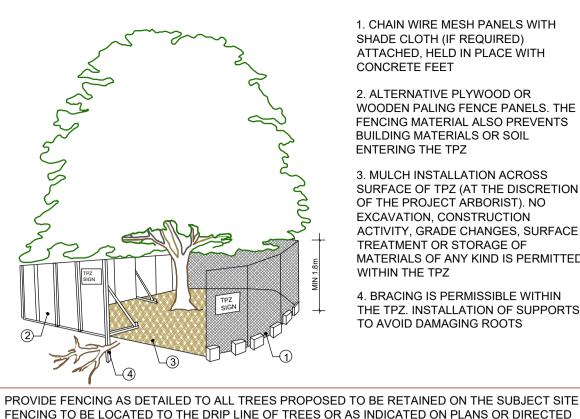
practices, ensuring that all plants are in optimum growing conditions and appearance at all times, as well as rectifying

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

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

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

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



ON-SITE BY ARBORIST. NO STOCKPILING WITHIN FENCE PERIMETERS.

TREE PROTECTION ZONE

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

WOODEN PALING FENCE PANELS. THE

FENCING MATERIAL ALSO PREVENTS

2. ALTERNATIVE PLYWOOD OR

BUILDING MATERIALS OR SOIL

3. MULCH INSTALLATION ACROSS

OF THE PROJECT ARBORIST). NO

EXCAVATION, CONSTRUCTION

TREATMENT OR STORAGE OF

TO AVOID DAMAGING ROOTS

SURFACE OF TPZ (AT THE DISCRETION

ACTIVITY, GRADE CHANGES, SURFACE

MATERIALS OF ANY KIND IS PERMITTED

THE TPZ. INSTALLATION OF SUPPORTS

4. BRACING IS PERMISSIBLE WITHIN

ENTERING THE TPZ

WITHIN THE TPZ

SPECIFIED PLANTING & POT SIZE 300mm DERTH SOIL WIX BLEND SUBSOIL CULTIVATED TO 100mm

TYPICAL GARDEN PREPARATION DETAIL

(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

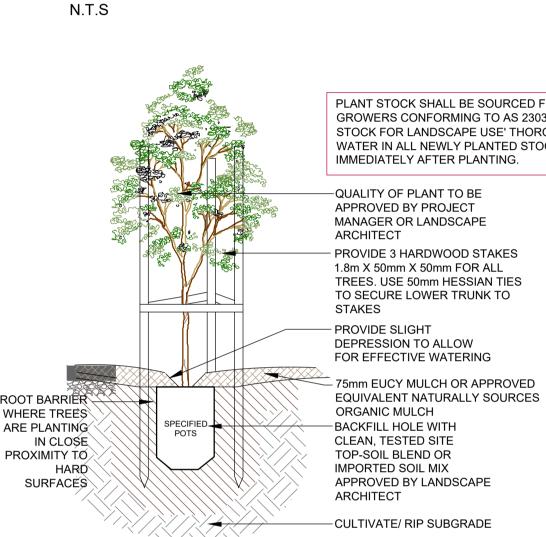
WITHIN THE TPZ OF TREES TO BE RETAINED ON SITE)

TYPICAL SETBACK FROM LAWN/GARDEN EDGE

75mm EUCY MULCH OR APPROVED EQUIVALENT NATURALLY SOURCES ORGANIC MULCH

SOIL MIX:

50% OF STOCKPILED SITE TOPSOIL FREE FROM ALL BUILDER'S RUBBISH AND DELETERIOUS MATERIALS. TOPSOIL TO BE AMELIORATED, 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.



ROOT BARRIER

PROXIMITY TO

BMHP GROUP PTY LTD

conzept

enquiries@conzept.net.au

KEVIN HUANG

IN CLOŚE

HARD

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

TOP-SOIL BLEND OR

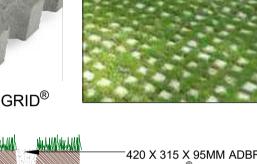
APPROVED BY LANDSCAPE

-QUALITY OF PLANT TO BE APPROVED BY PROJECT



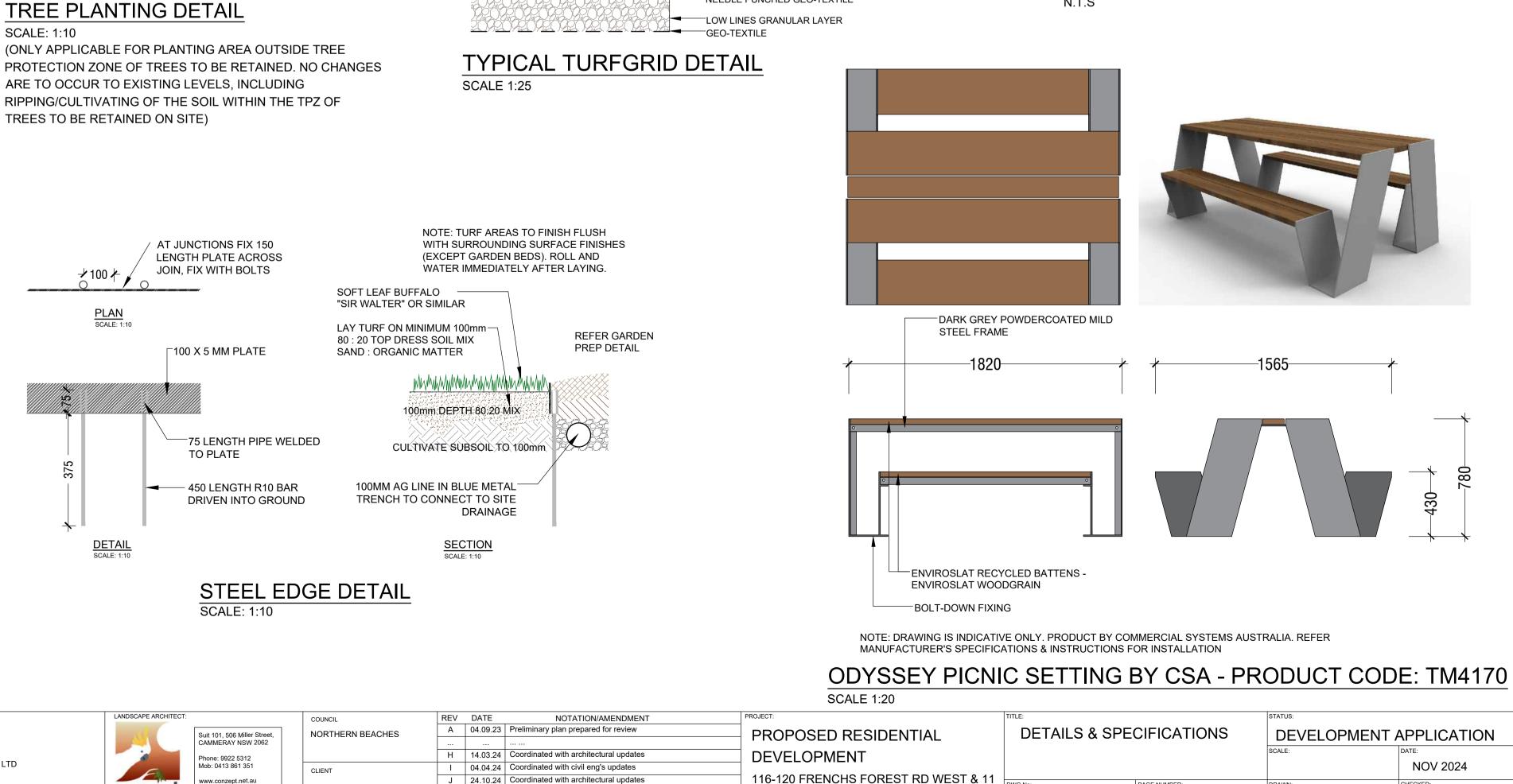
SCALE 1:10

ADBRI MASONRY TURFGRID[®]



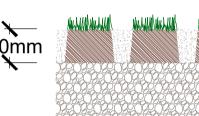
420 X 315 X 95MM ADBRI MASONRY TURFGRID[®] OR EQUAL

TURF/LAWN SUBSTITUTE GROUNDCOVER

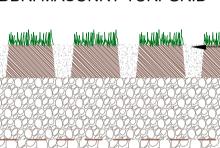


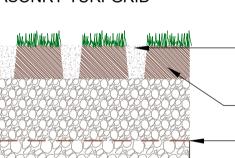
GLADYS AVE, FRENCHS FOREST

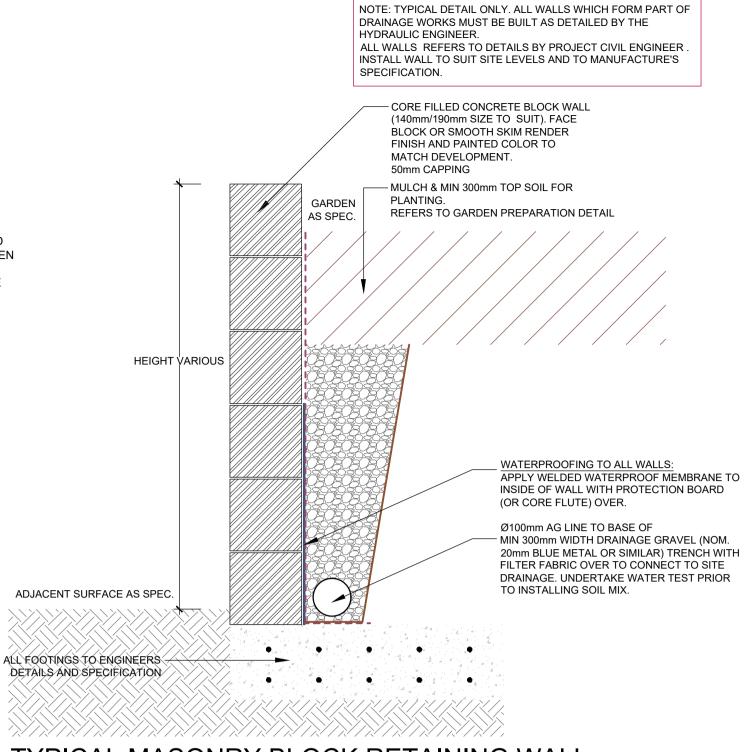
MANAGER OR LANDSCAPE PROVIDE 3 HARDWOOD STAKES 1.8m X 50mm X 50mm FOR ALL TREES. USE 50mm HESSIAN TIES TO SECURE LOWER TRUNK TO DEPRESSION TO ALLOW FOR EFFECTIVE WATERING



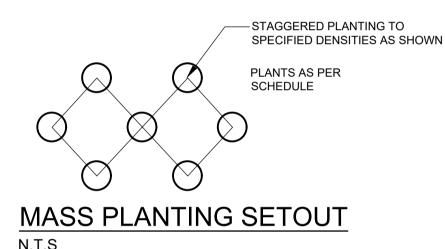
K 13.11.24 Issued for submission





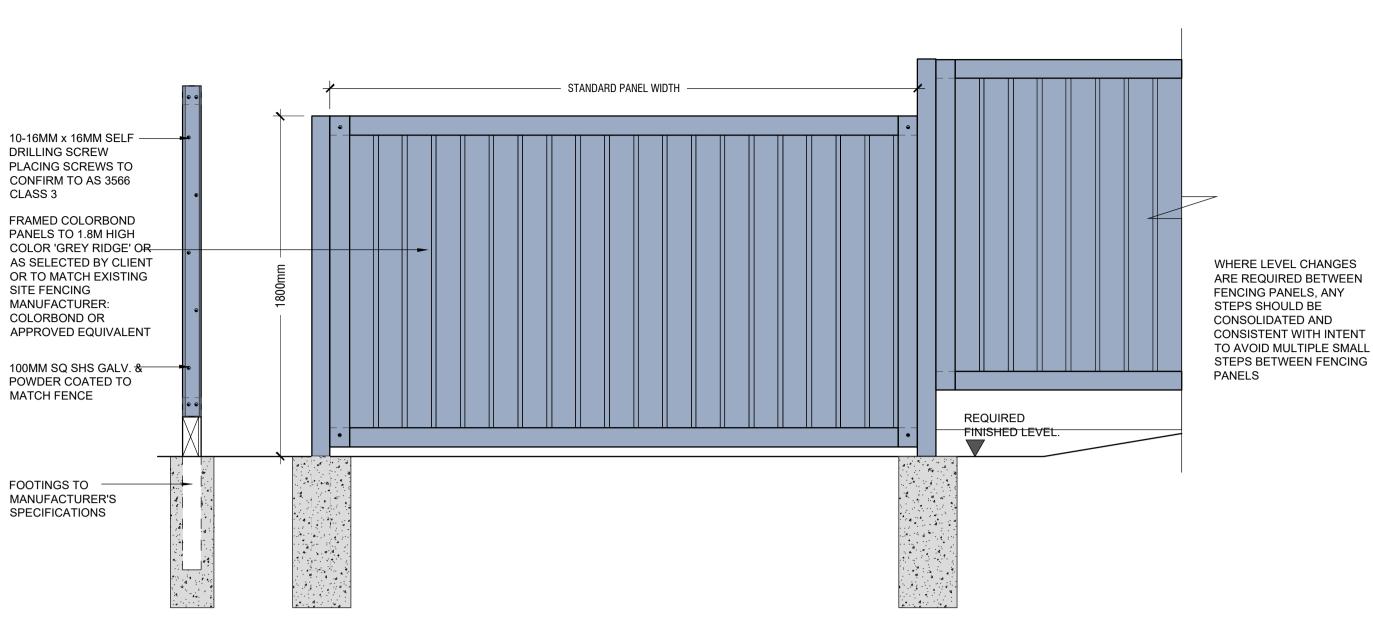


TYPICAL MASONRY BLOCK RETAINING WALL APPROX 1:10

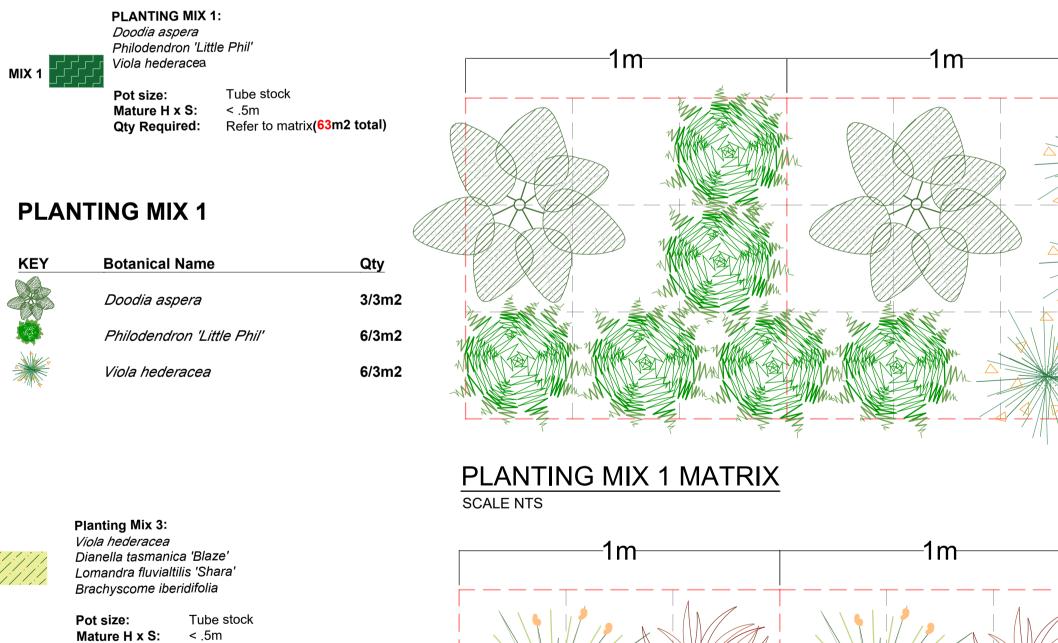




	TITLE:		STATUS:	STATUS:		
	DETAILS & SP	ECIFICATIONS	DEVELOF	DEVELOPMENT APPLICATION		
			SCALE:	DATE:		
0 4 4				NOV 2024		
& 11	DWG.No:	PAGE NUMBER:	DRAWN:	CHECKED:		
	LPDA 24 - 44	6	L.Z	R.F		







PLANTING MIX 3

KEY	Вс
	Vie
\ast	Di
	Lc
*	Bi

Botanical Name Viola hederacea	Qty 4/3m2
Dianella tasmanica 'Blaze'	2/3m2
Lomandra longifollia 'Tanika'	2/3m2
Brachyscome iberidifolia	4/3m2

Qty Required: Refer to matrix (92m2 total)

PLANTING MIX 3 MATRIX SCALE NTS

GENERAL NOTE: Figured dimensions take preference to scale readings. Verify all dimensions on If so, Conzept is not liable for any loss, damage, harm or inju The DFT plane and provide the second C Copyright R. L Frew Landscape Architectural Services T/A CONZEPT This drawing is protected by copyright. All rights are reserved. Unless permitted under the Convent Ad 108R, no part of this drawing no prior to the architectural Services Pty Ltd (T/A Conzept) inder the Convent Ad 108R no part of this drawing the total and the architectural Services Pty Ltd (T/A Conzept) This drawing is protected by copyright. All rugus are reserved. Ones a point of the copyright Act 1968, no part of this drawing may in any form or by any means be reproduced, published, broadcast or transmitted without the prior retain the right to withdraw this information from the written permission of the copyright owner. If the Status of this drawing is not signed off For Construction it may be subject to change, alteration or amendment at the discretion of our office.

assessment process if such payments are not made following



OVERFLOW (TO SUPPLIER'S SPECIFICATION)

NOTE (BCA COMPLIANCE). WHERE NO EXTERNAL BALUSTRADE IS

PROPOSED. THE INTERNAL PLANTER WALL FACE MUST BE NON-CLIMBABLE TO A HEIGHT TO MEET AS & BCA COMPLIANCE.

NOMINATED SURFACE FINISHES &

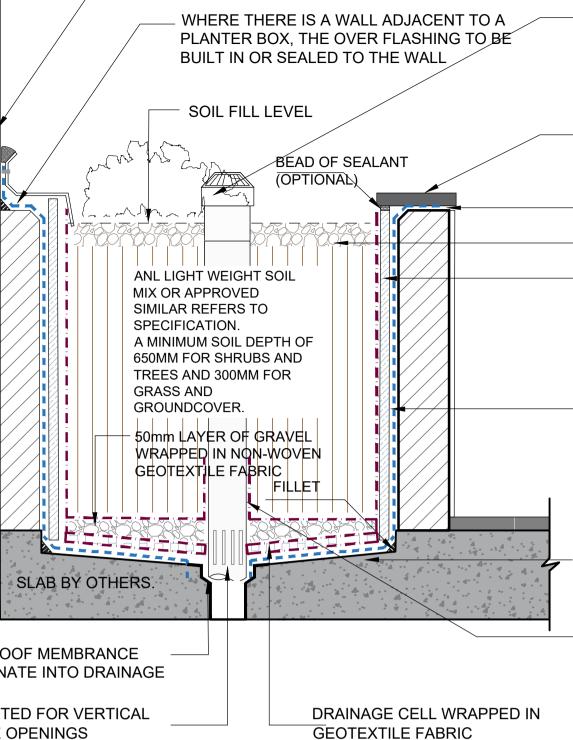
WATER PROOFING (REFER TO SEPARATE DETAILS). FINISHED LEVEL TO ARCHITECT'S DETAILS

NOTE.(DRAINAGE & WATER PROOFING).

DRAINAGE PITS AND LAYOUT TO BE NOMINATED BY HYDRAULIC ENGINEER TO WORK WITH STRUCTURAL DESIGN AND LANDSCAPE.

THE WATERPROOFING, APPROVED DRAINAGE CELL AND SPECIFIED GEOFABRIC LAYER IN THIS DETAIL ARE INDICATIVE ONLY AND SHOULD BE DETAILED BY THE RELEVANT PROFESSIONAL ENGINEER 'FOR CONSTRUCTION'.

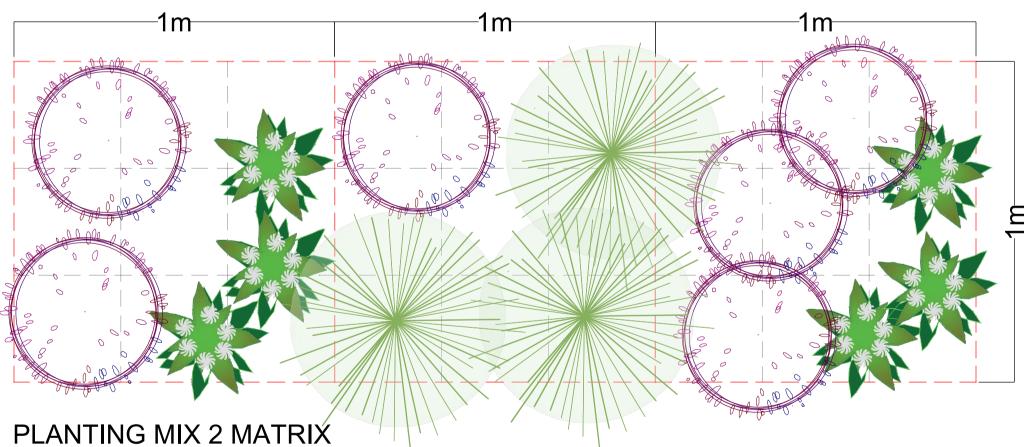
UNDER THE CONSTRUCTION PRACTITIONER BILL, STRUCTURAL WATER-PROOFING SHALL BE DOCUMENTED BY A HYDRAULIC ENGINEER



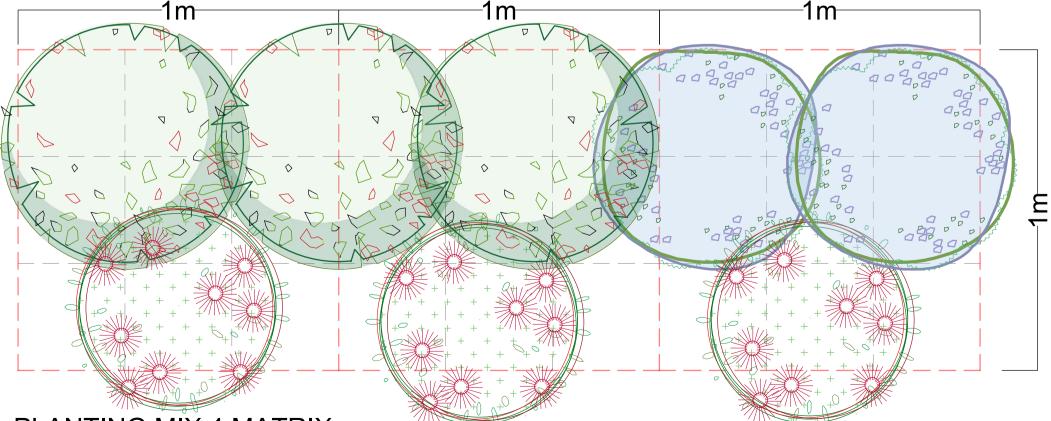
WATERPROOF MEMBRANCE TO TERMINATE INTO DRAINAGE OUTLET PIPE SLOTTED FOR VERTICAL DRAINAGE OPENINGS



PLANTER DETAIL TO CONFORM AS 4654.2-2012

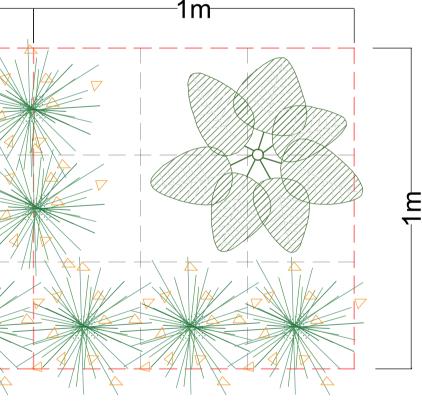


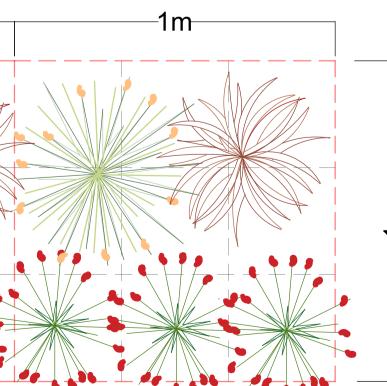
SCALE NTS



PLANTING MIX 4 MATRIX SCALE NTS

PROJECT:	TITLE:		STATUS:	
PROPOSED RESIDENTIAL	DETAILS 2		DEVELOPMENT APPLICATION	
DEVELOPMENT			SCALE:	DATE: NOV 2024
116-120 FRENCHS FOREST RD WEST & 11	DWG.No:	PAGE NUMBER:	DRAWN:	
GLADYS AVE, FRENCHS FOREST	LPDA 24 - 44	7	L.Z	R.F







Westringia 'Aussie Box' Westringia 'Mundi' 140mm Pot size: Mature H x S: < .8m

Qty Required: Refer to matrix(162m2 total)

KEY	Botanical Name	Qty
	Callistemon 'Little John'	3/3m2
	Westringia 'Aussie Box'	2/3m2
Ō	Westringia 'Mundi '	3/3m2

PLAN	ITING MIX 4
KEY	Botanical Name
	Callistemon 'Little John'
	Westringia 'Aussie Box'

otanical Name	Q
allistemon 'Little John'	3/
/estringia 'Aussie Box'	2/
Astrinaia 'Mundi'	3

				V
			A	
	LANDSCAPE A	ARCHITECT:		
	1		Suit 101, 506 CAMMERAY	Mill NS\

BMHP GROUP PTY LTD

	Suit 101, 50 CAMMERA
-	Phone: 992 Mob: 0413 8
conzept	www.conze enquiries@
Landscape Architects	

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

COUNCIL	REV	DATE	NOTATION/AMENDMENT	Pf
NORTHERN BEACHES	А	04.09.23	Preliminary plan prepared for review	
]
	н	14.03.24	Coordinated with architectural updates	1
CLIENT	I	04.04.24	Coordinated with civil eng's updates	1
	J	24.10.24	Coordinated with architectural updates	1
KEVIN HUANG	К	13.11.24	Issued for submission	1
				1

Pot size:	Tuk
Mature H x S:	< .6
Qty Required:	Ref
NTING MIX 2	

Planting Mix 2:

Dichondra repens

Dianella 'Emerald Arch'

PLAN

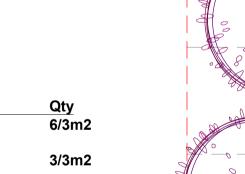
ΚEΥ	
4	

MIX 2

Qty Required:	Refer
NG MIX 2	
Botanical Name	

nical Name	Qty		
ndra repens	6/3m2		
lla 'Emerald Arch'	3/3m2		
hederacea	6/3m2		

Viola hederacea Pot size: Mature H x S:	Tube stock < .6m
Qty Required:	Refer to matrix(137m2
G MIX 2	



SAFETY OVERFLOW DESIGNED FOR APPROPRIATE RAINFALL INTENSITY WITH SCREW CAP FOR CLEARING ACCESS TO MANUFACTURER'S SPECIFICATION

CAPPING TO PROTECT TOP OF MEMBRANE TO MATCH DEVELOPMENT FINISHES WATERPROOFING MEMBRANE TO CONTINUE OVER EDGE OF PLANTER BOX 75mm DEPTH MULCH AS SPEC.

PROPRIETARY PROTECTION BOARD

- APPLY WELDED WATERPROOF MEMBRANE TO WALLS AND BASE OF ALL PLANTERS. APPLY NON-WOVEN GEOTEXTILE FABRIC TO PROTECT WATER PROOF MEMBRANE TO ENG'S DETAILS BASE OF ALL PLANTERS TO BE GRADED WITH MIN. 2% FALL TO DRAINAGE POINTS REFER TO HYDRAULIC ENG'S DETAILS

NON-WOVEN GEO-FILTER FABRIC TURNED UP AND SECURED TO RISER ABOVE DRAINAGE OPENING

TYPICAL PLANTER WALL ON SLAB DETAIL

HydroSTON 50 Block (50 x 200 x 100mm), HydroSTON 50 Flag (50 x 300 x 300mm) and extra large format HydroSTON 50 Flag XL (50 x 400 x 400mm pavers) are intended for pedestrian only purposes and are not designed to carry vehicles.

Colours

Standard colours are Light Grey and Charcoal. Other colours can be manufactured to order during scheduled production runs.

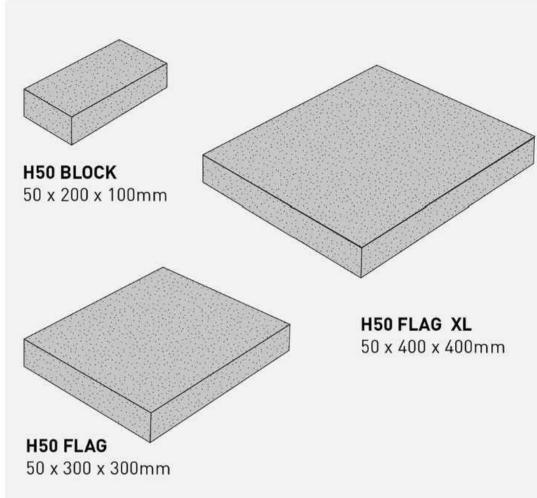
HydroCon endeavours to maintain good stocks of standard colours to meet normal customer requirements.

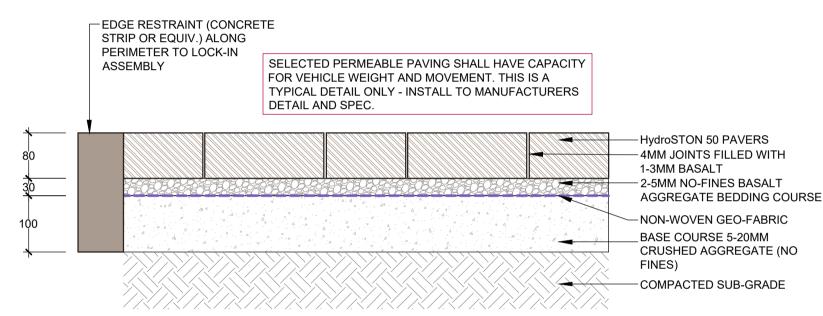
Non-standard colours can be manufactured to order during scheduled production runs of standard colours.

Early lead time advice is required for the manufacture of nonstandard colours and customers need to be consulted on colour selection.

Colours shown are a guide only and may vary. Colour samples are available on request.

Refer to manufacturer's spec by HydroCon





PERMEABLE PAVING DETAIL SCALE 1:15

SAMPLE IMAGES

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



Corymbia gummifera Acmena smithii



Waterhousia floribunda



Banksia serrata



Leucophyta brownii





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SPECIFICATIONS

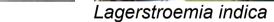
Configuration includes:

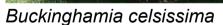
- 1x Glasgow Table
- 4x Orbit Stools

Sizes:

- Table: 1000(L) × 970(W) × 760(H)mm
- **Stool**: ø350 x 420(H)mm
- * Please Note: Assembly Required

TYPICAL COMMERCIAL PICNIC TABLES - IMAGES & SPECIFICATIONS BY ASTRA STREET FURNITURE





Viburnum odoratissimum

Lomandra longifollia 'Tanika'



Cyathea australis



Monstera deliciosa



Timber bench seat



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

	COUNCIL	REV	DATE NOTATION/AMENDMENT	PROJECT:	TITLE:		STATUS:	
Street,	NORTHERN BEACHES	A	04.09.23 Preliminary plan prepared for review	PROPOSED RESIDENTIAL	DETAILS 3		DEVELOPMENT /	
2062								
		Н	14.03.24 Coordinated with architectural updates	DEVELOPMENT			SCALE:	DATE:
	CLIENT	I	04.04.24 Coordinated with civil eng's updates					NOV 2024
		J	24.10.24 Coordinated with architectural updates	116-120 FRENCHS FOREST RD WEST & 11	DWG No:	PAGE NUMBER:	DRAWN:	CHECKED:
net.au	KEVIN HUANG	K	13.11.24 Issued for submission		LPDA 24 - 44	0	1 7	R.F
				GLADYS AVE, FRENCHS FOREST	LPDA 24 - 44	o	L.Z	K.F







Metrosideros 'Fiji Fire'

Alpinia zerumbet 'Variegata'



Outdoor furniture

Steel garden edge