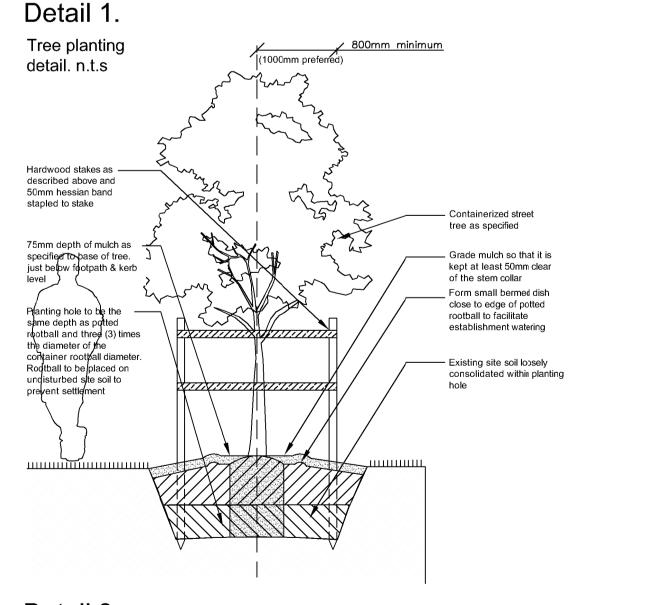
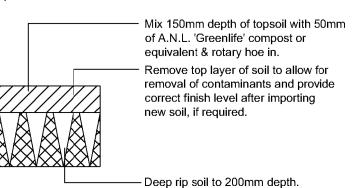


## First floor plan 1:100 @ A1 14 LTT 2 YUC 2 SCA 2 SCA Raised planters and cascading plants at first floor level Deck & BBQ unit to 7 LTT Architect's details 3 AGV F.F.L.26.58 7 LTT cascading plants at

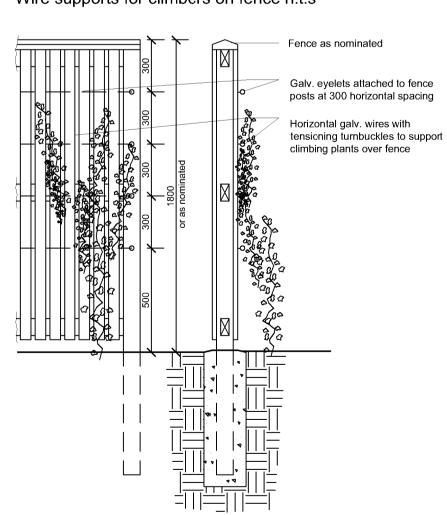


Detail 3. Soil preparation detail n.t.s Mix 150mm depth of topsoil with 50mm of A.N.L. 'Greenlife' compost or equivalent & rotary hoe in.

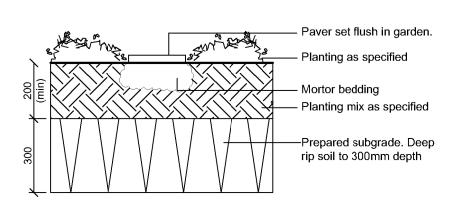


## Detail 2.

Wire supports for climbers on fence n.t.s



Detail 4. Stepping stones in garden n.t.s



# Planting schedule

Symbol Botanical name		Common name	Cont. size	Staking	Mature height	No req.	
Canopy	anopy trees						
ASM .	Acmena smithii	Lilly Pilly (Native tree in dep soil. Prune lower branches)	45Lt	3x50x50x1800	8-10.0M	1	
PEY	Diospyros kaki 'Fuyu	Fuyu persimmon (edible fruit tree)	300mm	2x50x50x1800	3-4.0M	2	
POE	Podocarpus elatus	Illawarra Plum (edible fruit native tree)	45Lt	3x50x50x1800	8-12.0M	1	
Shrubs	/ small feature trees						
AVA	Persea americana 'Dwarf'	Dwarf Avacado (small productive fruiting tree)	300mm	2x50x40x1800	2-2.5M	1	
CBF	Callistemon 'Great Balls of Fire'	Balls of Fire Bottlebrush (Dwarf native shrub)	200mm	nil	1.2-1.5M	3	
SBB	Syzygium 'Baby Boomer'	Dwarf Lilly Pilly (flowering informal plant)	200mm	hedged to req.height	1.2-1.5M	61	
MIA	Microcitrus australasica	Finger Lime Tree (Tall productive fruiting tree)	300mm	2x50x40x1800	7-10.0M	1	
SYL	Syzygium leuhmanni	Small Leaved Lilly Pilly (native screen tree)	75Lt	3x38x38x1800	8-10.0M	5	
WFG	Westringia fruticosa 'Grey Box'	Ozbreed Grey Box® (hardy low screen can be hedged)	200mm	hedged	0.4-0.7M	10	
WFN	Westringia Naringa 'WES0-1'	Ozbreed Naringa® (hardy med screen. Can be hedged tightly	200mm	hedged	1.5-2.0M	10	
Ferns /	Palms / Succulents / ornamental	bamboos					
AGV	Agave attenuata	Century plant (striking spiky leaved succulent)	200mm	nil	0.5M	3	
CAA	Cyathea australe	Tree Fern (Native tree ferns)	300mm	nil	2-4.0M	3	
YUC	Yucca elaphantipes	Giant Yucca (multi trunked spiky feature plant)	300mm	nil	1.5M	2	
Ground	lcovers/Climbers						
CRG	Carpobrotus glaucescens	Pigface (very hardy salt wind tolerant trailing groundcover)	200mm	nil	0.2M	20	
DIR	Dichondra repens	Kidney weed (native carpet groundcover)	tubes	nil	0.1M	150	
GAZ	Gazania tomentosa	Orange Flowering Daisy (low hardy coastal groundcover)_	150mm	nil	0.3M	10	
HIS	Hibbertia scandens	Guinea Flower (flowering climber / groundcover)	200mm	nil	0.3M	6	
MYP	Myoprum parvifolium	Creeping Boobliala (native cascading groundcover)	150mm	nil	0.2M	20	
PP	Pandorea pandorana	Wonga Wonga Vine (native climbing plant / groundcover)	200mm	wire supports on fence	3.0M	2	
SCA	Scaevola aemula	Fan Flower (Flowering cascading groundcover)	150mm	nil	0.3M	4	
TJT	Trachelospermum tricolor	Variegated Star Jasmine (variegated colour groundcover)	200mm	nil	0.5M	14	
VH	Viola hederacea	Native Violets (native low groundcover)	tubes	nil	0.1M	60	
WFM	Westringia fruticose 'Mundi'	Coastal Rosemary Groundcover (flowering groundcover)	150mm	nil	0.3M	8	
Orname	ental grasses/strappy leaved plai	nts					
DCR	Dianella 'Tasred	Blue Flax Lily (red foliage native grass like plant)	100mm	nil	0.4M	30	
ISN	Isolepsis (Finicia) nodosa	Knobby Club Rush (native ornamental grass)	150mm	nil	0.6M	6	
LTT	Lomandra Lime Tuff	Dwarf Lomandra (ornamental grass)	150mm	nil	0.4M	36	

Planting schedule species to be sourced from local nurseries supplying plants of local provenance wherever possible. Landscape contractor is to check plant numbers on plan against the schedule prior to submitting tender price. Contact landscape architect if any number discrepancies are found. Council compliance controls require that any substitution of species variety or container size MUST be confirmed with landscape architect to ensure a compliance certificate can be issued that's meets the specific development consent conditions of the project.

Engineer's details &

### Detail 5.

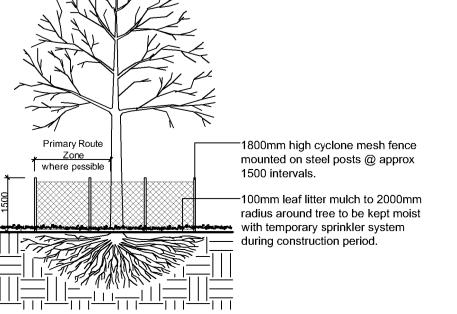
On structure planter typical soil

installation detail n.t.s

75mm thick mulch Dripper Irrigation (polypipe -Benedict SmartMix No.5 Lightweight linked to water point. Benedict SmartMix No.4 Water proofing to Lightweight planter Box Mix Engineer's details "Ridim " A14G geofabric membrane or similar approved Engineer's details - 60mm or 100mm thk Adjacent paving -'Fytogreen Hydrocell RG30 foam' (or similar) - 20mm thk 'Altantis Flo-Cell' or similar Engineer's approved drairage tiles laid Outlet drain to detention Engineer's details basin to Engineer's details Connection to outflow drain Concrete base to screed to fall to outlet drains

## Detail 6.

Tree protection measure Type 2 n.t.s.



### General construction notes

### 1. Site preparation

Any existing trees and vegetation to be retained shall be preserved and protected from damage of any sort during the execution of landscape work. In particular, root systems of existing plants must not be disturbed if possible. Any nearby site works should be carried carefully using hand tools. To ensure the survival and growth of existing trees during landscaping works, protect by fencing or armoring where necessary. Trees shall not be removed or lopped unless specific written approval to do so is given or is indicated on plan. Storage of materials, mixing of materials, vehicle parking, disposal of liquids, machinery repairs and refueling, site office and sheds, and the lighting of fires shall not occur within three (3) metres of any existing trees. Do not stockpile soil, rubble or other debris cleared from the site, or building materials, within the dripline of existing trees. Vehicular access shall not be permitted within three (3) metres of any tree.

### 2. Soil preparation

All proposed planting areas to be deep ripped to 200mm (where possible) and clay soils to be treated with clay breaker.. Apply at least 200mm depth good quality garden soil mix to all garden planting areas. To comply with AS 4419 Turfed areas to be Soft leaf Buffalo or Soft Leaf Buffalo to be laid over 150mm good quality turf underlay over existing soil which is to be deep ripped to 200mm depth prior to installation. To be worked in with rotary hoe except where tree root damage would otherwise occur. In such situations care to be taken to hand cultivate in any area where existing tree roots exist to preserve health of trees and to comply with the requirements of the Arborist's report. Where planting is to occur in existing soil profiles ensute soil conditioners and compots worked into the top 200mm profile. To comply with AS 4454:1999

Newly planted trees and large shrubs should be secured to stakes with hessian ties to prevent rocking by wind. Planting holes for plant material should be large enough in size to take root ball with additional space to take back filling of good quality planting mix. (Please note mature heights of planting as shown on planting schedule can vary due to site conditions, locations in constricted deep soil or over slab planters and so forth) Also shallow soils in certain locations may affect planting heights. Nominated heights for plantings in raised planters over slabs are nominated as less than their normal expected heights in acknowledgement of the contained soil environment. For other deep soil trees heights are subject to particular site conditions, and intended hedging or pruning for functional requirements such as available planting width, intended access under branches and solar access.

### 4. Planter boxes & waterproofing.

All slab areas to be waterproofed and 'Atlantis' drainage cell installed with geotextile fabric Refer Engineer's details for structural details for planter box construction. All internal planter slab levels to fall to drainage outlets as detailed by Hydraulic Engineer. Ensure 50mm cavity between planter box and building wherever planter joins building. Keep cavity clear of debris by providing capping row butted against building. Exterior finishes as per Architect's detail. Ensure base of cavity is able to drain via weep holes in event water seeps into cavity so as to not build up against building wall. Containers to be at height as indicated on Architects' drawing. All planting containers to have the

- 2 coats of waterproof sealant to all interior areas as specified by the Architects construction details
- Impervious waterproof membrane along base and up to top of soil level of containers
- 3Atlantis' drainage cell at base to be connected to drainage system of development \_see detail this sheet A.N.L. planter box soil mix or equivalent to comply with AS 4419 and AS 3743
- waterproof membrane Contractor to be responsible for the integrity of the waterproofing of the planter boxes • All planter boxes are to have automatic dripline irrigation system. Connecting pipes to installed in slab structures prior to slab pour.

• Contractor to install all planter box finishes after other site works are completed to ensure no deterioration of

### — 5. Mulching

All planting areas to be mulched with a minimum 75mm thick cover of recycled hard wood chip mulch and then all plant areas to be thoroughly soaked with water. To comply with AS 4454

6. Fertliser

All planting areas to be fertilised with 9 month 'NPK' slow release fertiliser.

### 7. Staking To those plants indicated on the planting schedules provide: hardwood stakes as nominated and driven into ground

to a depth able to achieve rigid support. 8. Lawn edging

All ground level garden beds adjacent to site boundary or paved areas to have 150mm raised concrete edging as

### nominated on the plans.

Turfed nature strip areas to be Soft leaf Buffalo or Soft Leaf Buffalo 'shademaster' to be laid over 100mm good

### quality turf underlay over existing soil which is to be deep ripped to 200mm depth prior to installation. 300mm soil

10.

Structural

underlay over slab areas as per detail 7 sheet 4

All structural details whatsoever to Engineer's details.

## Irrigation notes

Automatic drip line watering system to be selected. To extend to ALL garden areas nominated on the deep soil and planter box areas and is to include a∥ raised planter boxes over slab. Water supply tap hosecocks to be indicated on CC stage drawings.(To be coordinated with Hydraulic and Structural Engineer's details ). Dripline supply system only to be incorporated.

Prior to approval by the project manager and prior to installation the Contractor responsible for the irrigation installation is to provide an irrigation design to meet the following requirements.

Generally: Supply an automatic drip line irrigation system. To include all piping to solenoids either PVC lines and/or class 12 pressure pipe or low density, rubber modified polypropeyline reticulation as required to provide water supply to the nominated areas. To be coordinated with Hydraulic engineers plans. To include all bends, junctions, ends, ball valves, solenoids and all other ancillary equipment. Backwash valve: An approved backwash prevention valve is to be located at the primary water source for top up valves to rainwater tanks (where applicable).

Ensure rain sesnsor is installed for common area garden zones connected to timers

Root inhibiting system. Driplines to be 'Netafim Techline AS XR' drip tubing or approved equivalent

Automatic Controller: Provide automatic 2 week timer with hourly multi-cycle operation for each zone as noted on the irrigation areas plan on sheet .... . Battery timers to isolated planter boxes is acceptable and to maintained by the owners corporation as part of the ongoing property maintenanace.

Performance: It shall be the Landscape Contractor's responsibility to ensure and guarantee satisfactory operation of the irrigation system. The system is to be fit for the purpose and should utilize sufficient solenoids to provide for the varying watering requirements of landscape areas to allow all plants and lawn areas to thrive and attain long term

<u>Testing</u>: After the system has been installed to the satisfaction of the project manager, the installation shall be tested under working conditions. Acceptance of the installed plant and equipment shall be subject to these being

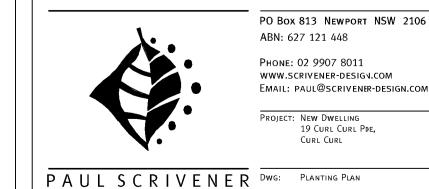
Warranty: A twelve month warranty is to be provided in writing by the Landscape Contractor, which shall commit the Landscape Contractor to rectify the system (the items they have installed) to the satisfaction of the project manager or nominated representative. This will apply should any fault develop, or the capacity or efficiency fall below that guaranteed, or should the discharge or pressure be inadequate, or should defects develop in the filter unit or control heads, or any blockages that may develop in the system.

Approvals: The Landscape Contractor is to liaise as necessary, to ensure that the irrigation system conforms with all Water Board, Council and Australian standards (AS)

DATE: 23.11.20

SCALE: 1:100 @ A1

SHEET NO: 2 OF 2



ABN: 627 121 448 PHONE: 02 9907 8011 WWW.SCRIVENER-DESIGN.COM EMAIL: PAUL@SCRIVENER-DESIGN.COM

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