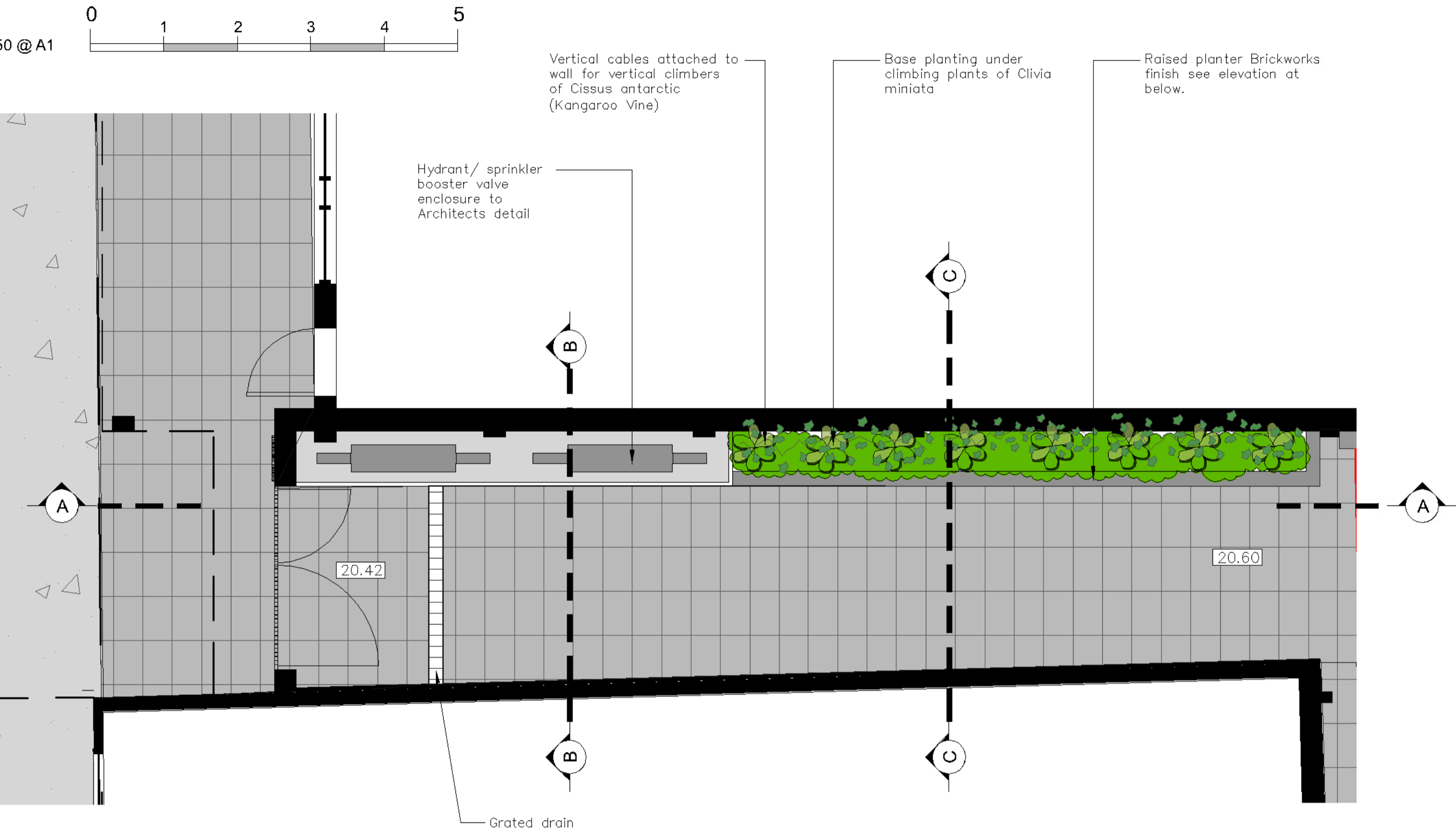
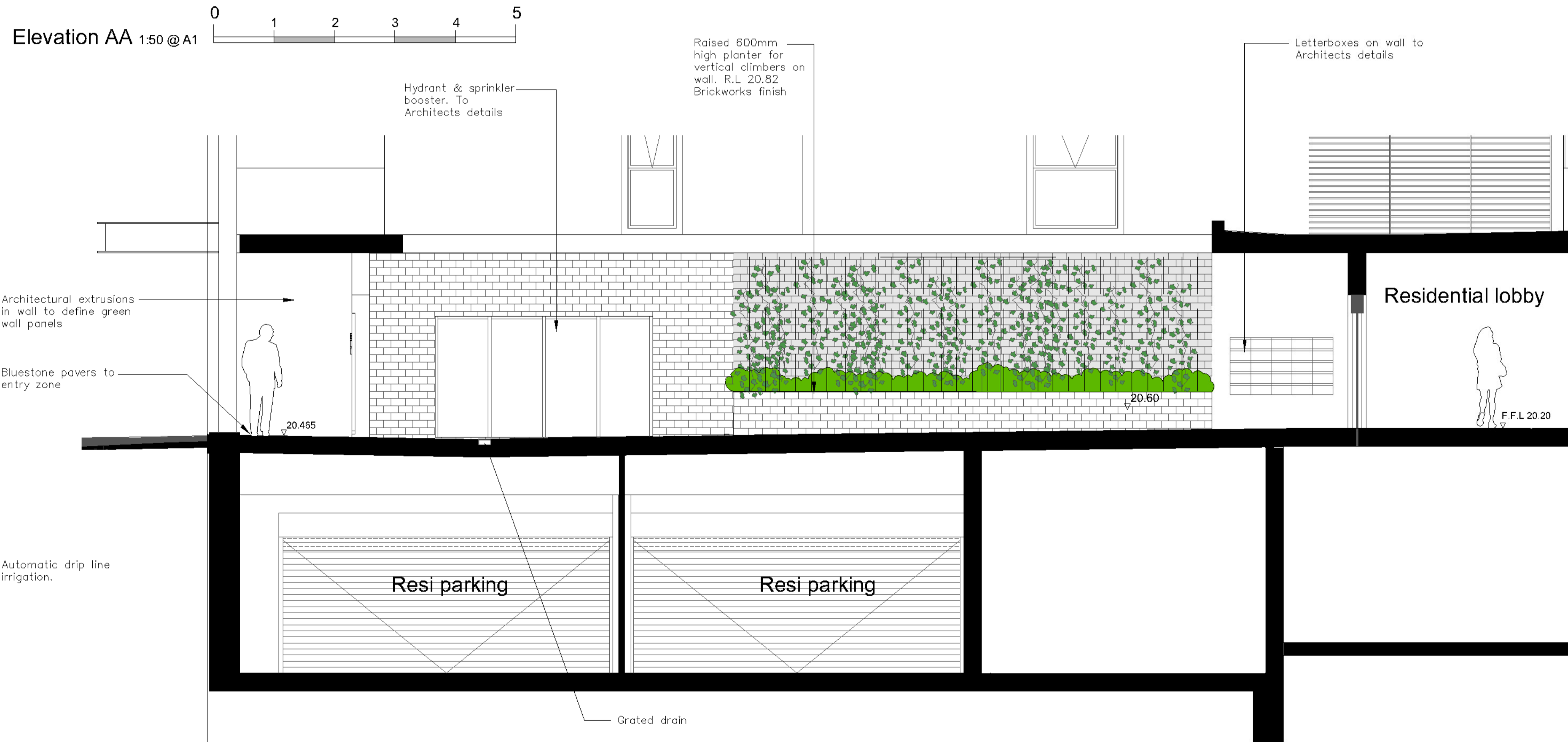


Entry detail 1:50 @A1



Elevation AA 1:50 @A1



Wall climbers & lighting



Kaffir Lily



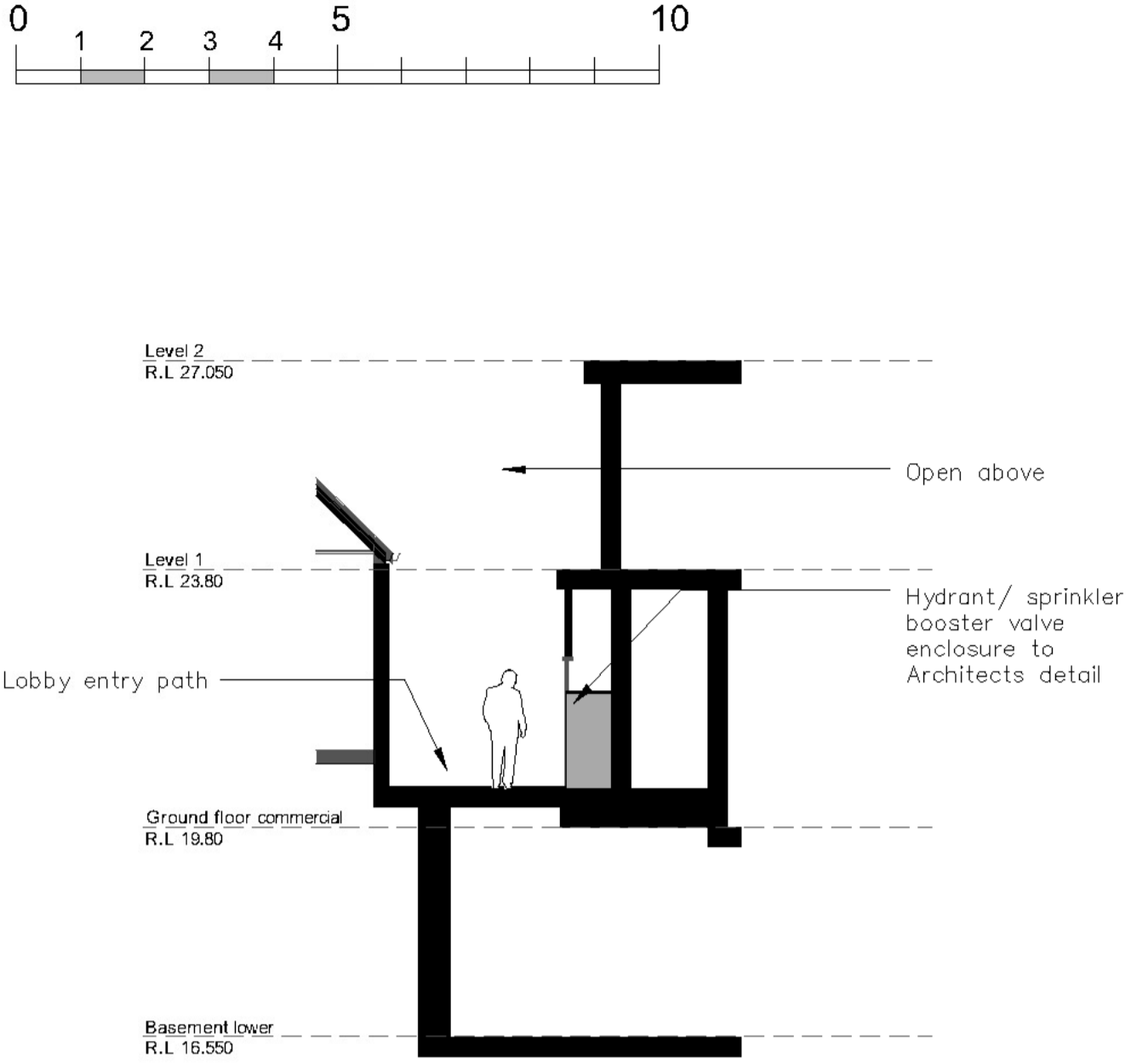
Vertical cables tensioners



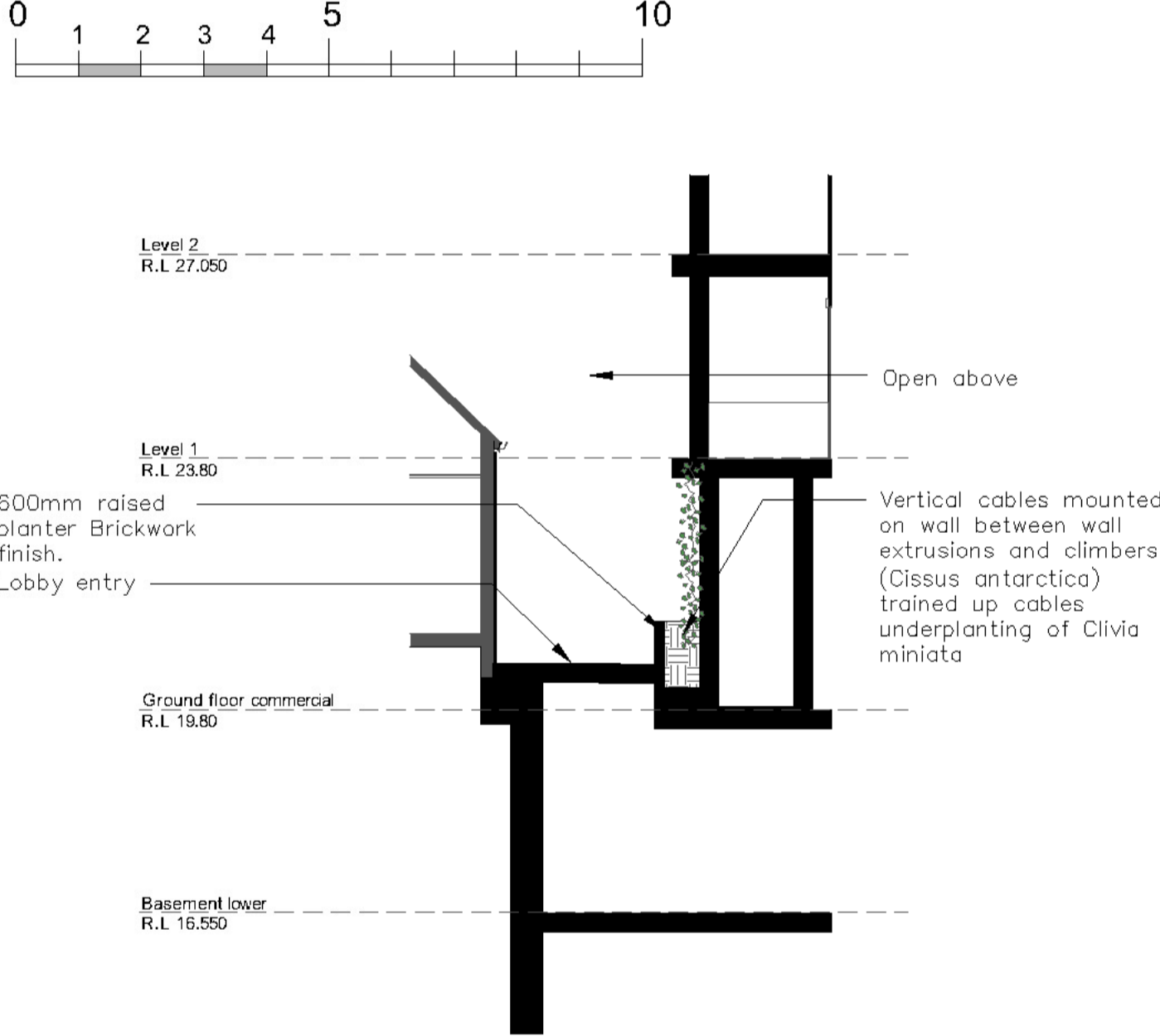
Cissus antarctica climber



Section B detail 1:100 @A1



Section C detail 1:100 @A1



AMENDMENTS

K	9.2.22	FOR COUNCIL RFI
J	7.2.22	
I	1.2.22	
H	28.1.22	-



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LANDSCAPE

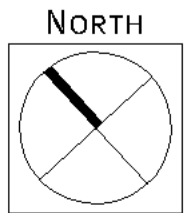
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31.35 ADDISON ST., SHELLHARBOUR

DWG: ENTRY DETAIL & SECTION

DATE: 9.2.22 SCALE: AS SHOWN@A1
JOB REF: 21/2252

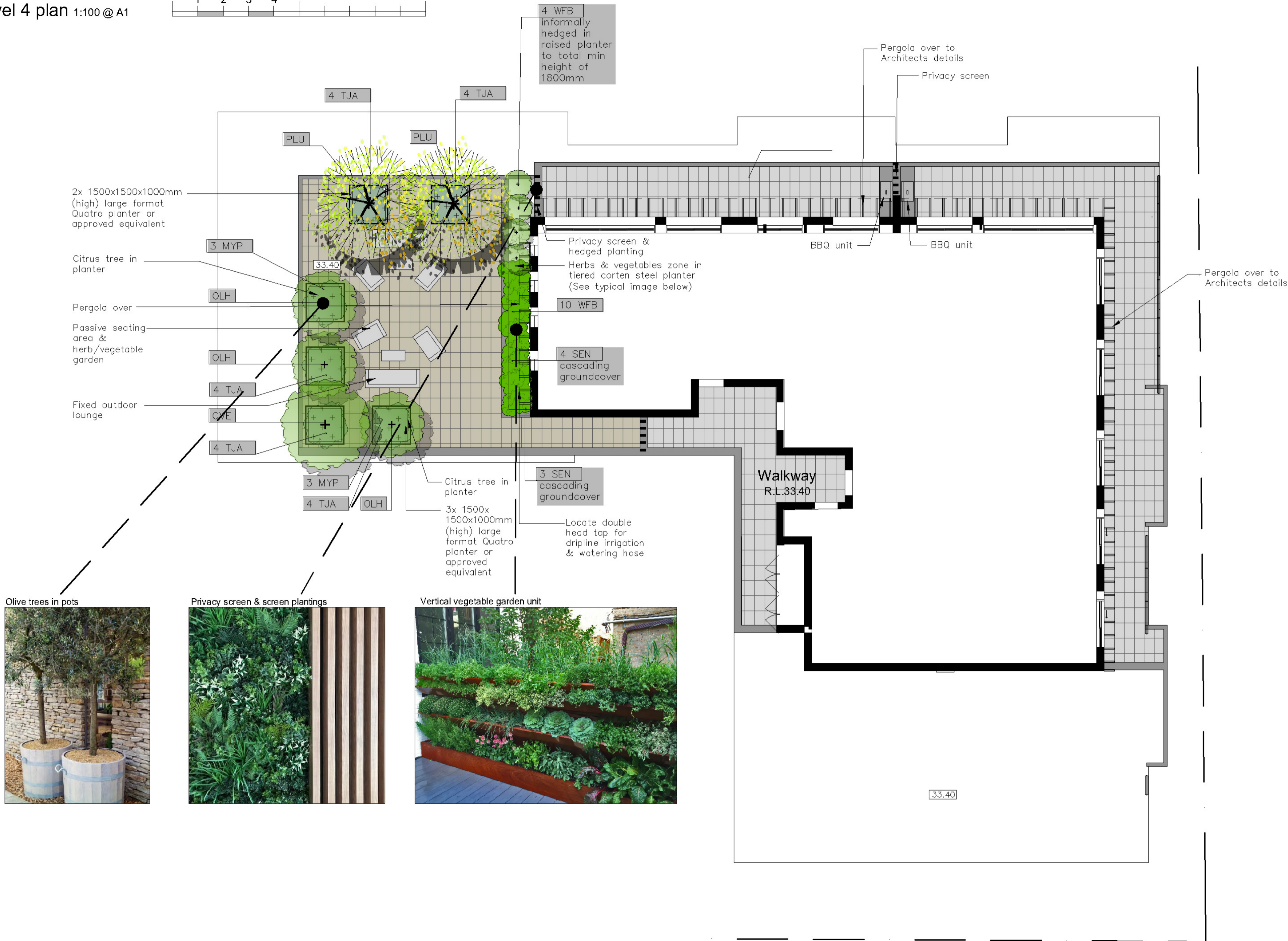
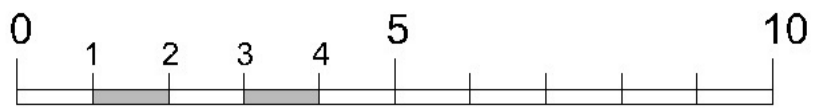
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ISSUE- K



Planting schedule

Symbol	Botanical name	Common name	Cont. size	Staking	Mature height	No req.
Trees						
BAC	Backhousia citriodora	Lemon Scented Myrtle (Native tree in deep soil)	75LT		6-8.0M	2
LAV	Livistona australis	Cabbage Palm (all indigenous palm)	semi adv	3x 50x50x1800 wire guys	9-12.0M	7
Shrubs / screen plants / small trees						
ASM	Asplenium smithii 'minor'	Dwarf Lilly pilli (Native shrub in large planter)	300mm	4x 50x50x1800	2-2.5M	1
BAR	Bauera rubioides	Dog Rose/River Rose (Small shade tolerant shrub)	200mm	nil	1.0M	1
CDA	Cortea alba	White Cortea (hardy salt wind tolerant coastal shrub)	200mm	nil	1.5-2.0M	6
CYE	Callistemon citrinus 'Endeavour'	Endeavour Crimson Bottlebrush (Flowering native small tree)	300mm	Large containers	2-3.0M	1
OLH	Olea Europa 'Swan Hill'	Swan Hill non fruiting Olive	300mm	Large containers	2-3.0M	3
PLU	Plumeria acutifolia	Frangipani (small flowering deciduous tree)	45LT	Large containers	3.0M	3
WFB	Westringia fruticosa 'Blue Gem'	Dwarf Blue Westringia (hardy low growing plant)	150mm	hedged	1.2-1.5M	19
Ferns / Palms / Succulents / ornamental bamboos						
RHA	Raphis excelsior	Lady Finger Palm	300mm	nil	2-2.5M	20
Groundcovers/Climbers						
CIS	Cissus Antartica	Kangaroo Vine (Native groundcover)	300mm	vertical cables	0.2M	6
MYP	Myoporum parvifolium	Creeping Boobiala (Native cascading groundcover)	150mm	nil	0.2M	8
SEN	Senecio serpens	Blue Chalk Sticks (silver blue low succulent groundcover)	200mm	nil	0.2M	7
TJA	Trachelospermum asiaticum	Flatmat Star Jasmine (FT01 Ozbreed hybrid groundcover)	200mm	nil	0.2M	40
Ornamental grasses/strappy leaved plants						
CM	Clivia miniata	Kaffir Lily (shade tolerant groundcover)	200mm	nil	0.5M	59
DIC	Dianella caerulea	Blue Flax Lily (blue foliage native grass like plant)	100mm	nil	0.4M	78
SML	Sparganium 'Alo Moana'	Peace Lily (shade tolerant flowering Glossy leaves)	200mm	nil	0.5M	30

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 meets the specific development consent conditions of the project.

General construction notes

- 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 arming 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 trees.
- 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 as noted to be laid over 100mm min. 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 ensure soil conditions and complete worked into the top 200mm profile. To comply with AS 4454:1999.
- New plantings**
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 contested 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.
- Planter wall waterproofing.**
All slab areas to be waterproofed and 'Atlantis' drainage cell installed with geotextile fabric or similar approved. Refer Engineer's details for ALL structural, drainage and installation details whatsoever for wall construction. All raised gardens to have the following:
 - Benedict's Smart Mix no. 4 Lightweight Planter Mix (or approved equivalent) to min. 400-500mm depth. To comply with AS 4419 and AS 3743
 - All planter boxes are to have automatic dripline irrigation system.
 - Landscape contractor to install all planter box fill material and plant material after other site works are completed to ensure no deterioration of waterproof membrane behind external walls.
- 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
- Fertiliser**
All planting areas to be fertilised with 9 month NPK slow release fertiliser.
- 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. No staking in raised planters to avoid damaging waterproofing installation
- Turfing**
Turfed areas to be to be laid over 100mm good quality turf underlay over existing soil which is to be deep ripped to 200mm depth prior to installation. See details sheet
- Structural**
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 all raised planter boxes over slab, (all lawn areas to be excluded) Water supply tap hosecocks as indicated on CC stage drawings. (To be coordinated with Hydraulic and Structural Engineer's details). Drip line 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 polypropylene 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 valves. 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 sensor is installed for common area garden zones connected to timers.

Root inhibiting system. Drip lines 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 installed on planter boxes is acceptable and to be maintained by the owners corporation as part of the ongoing property maintenance.

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 viability.

Testing: 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 satisfactory.

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).

Outdoor seating



Callistemon Endeavour



Privacy screen



Westringia 'Blue Gem'



Trachelospermum Jasminoides



Myoporum parvifolium



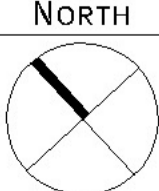
AMENDMENTS		
K	9.2.22	FOR COUNCIL RFI
J	7.2.22	
I	1.2.22	
H	28.1.22	-



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DWG: LEVEL 4

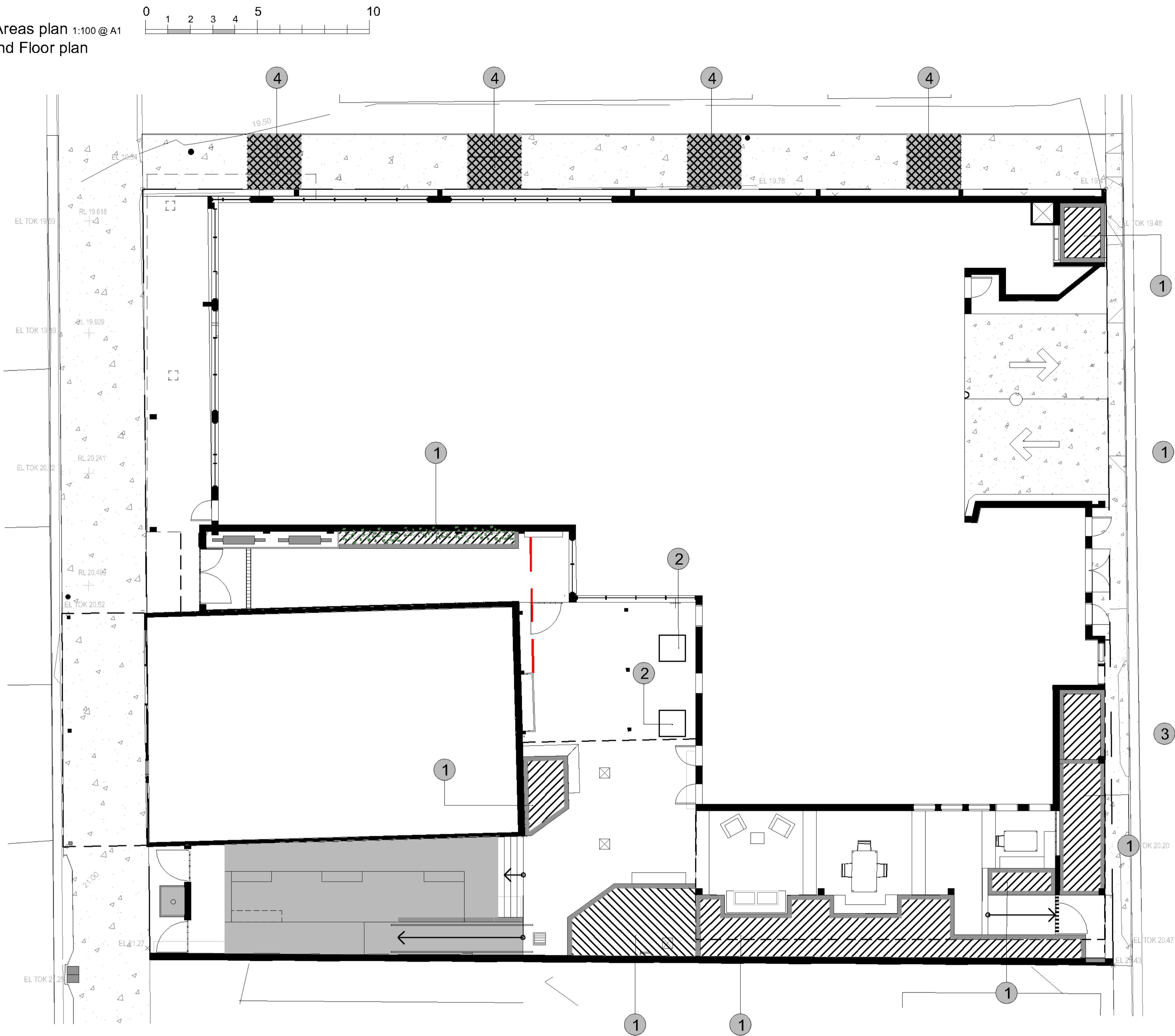
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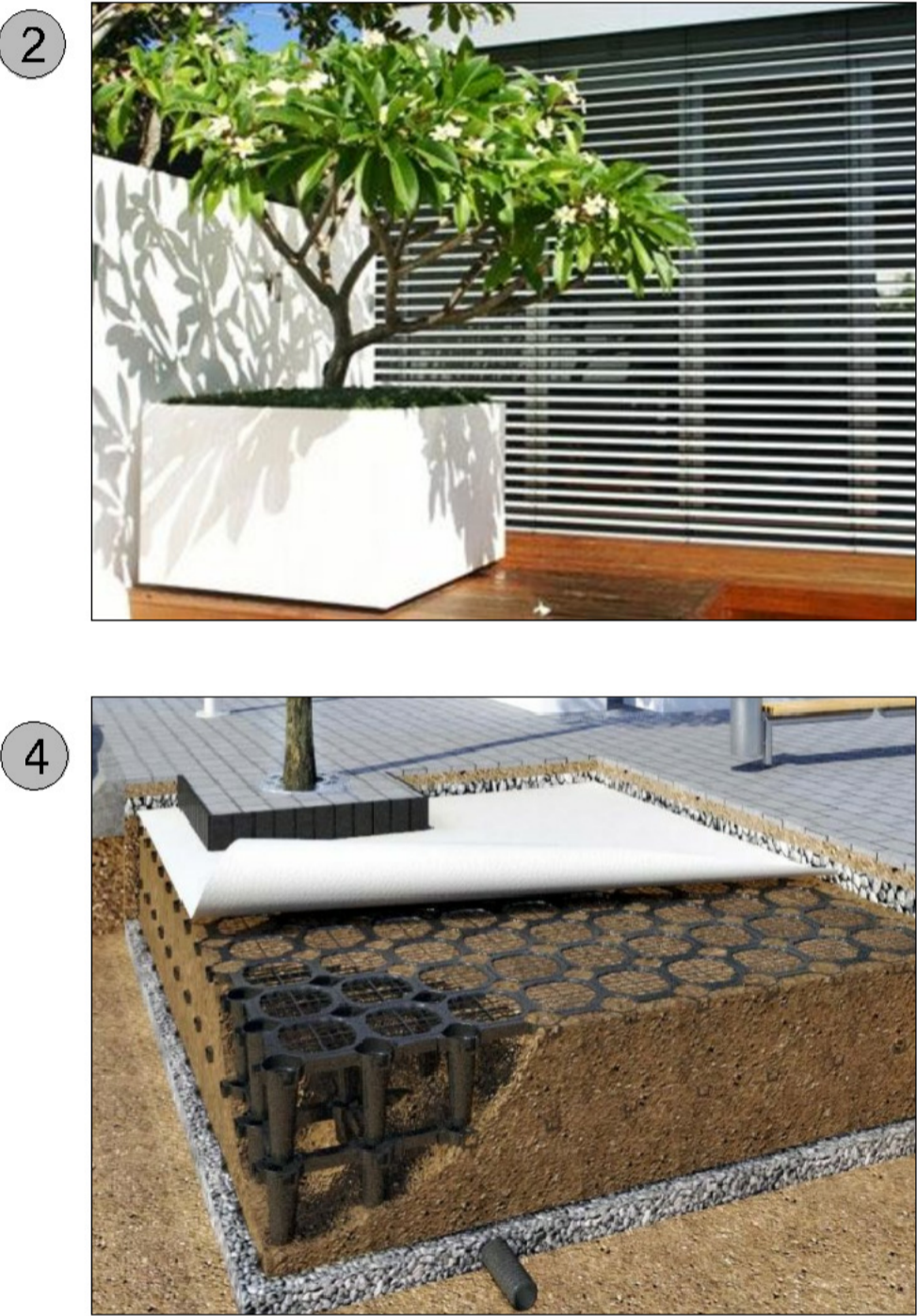
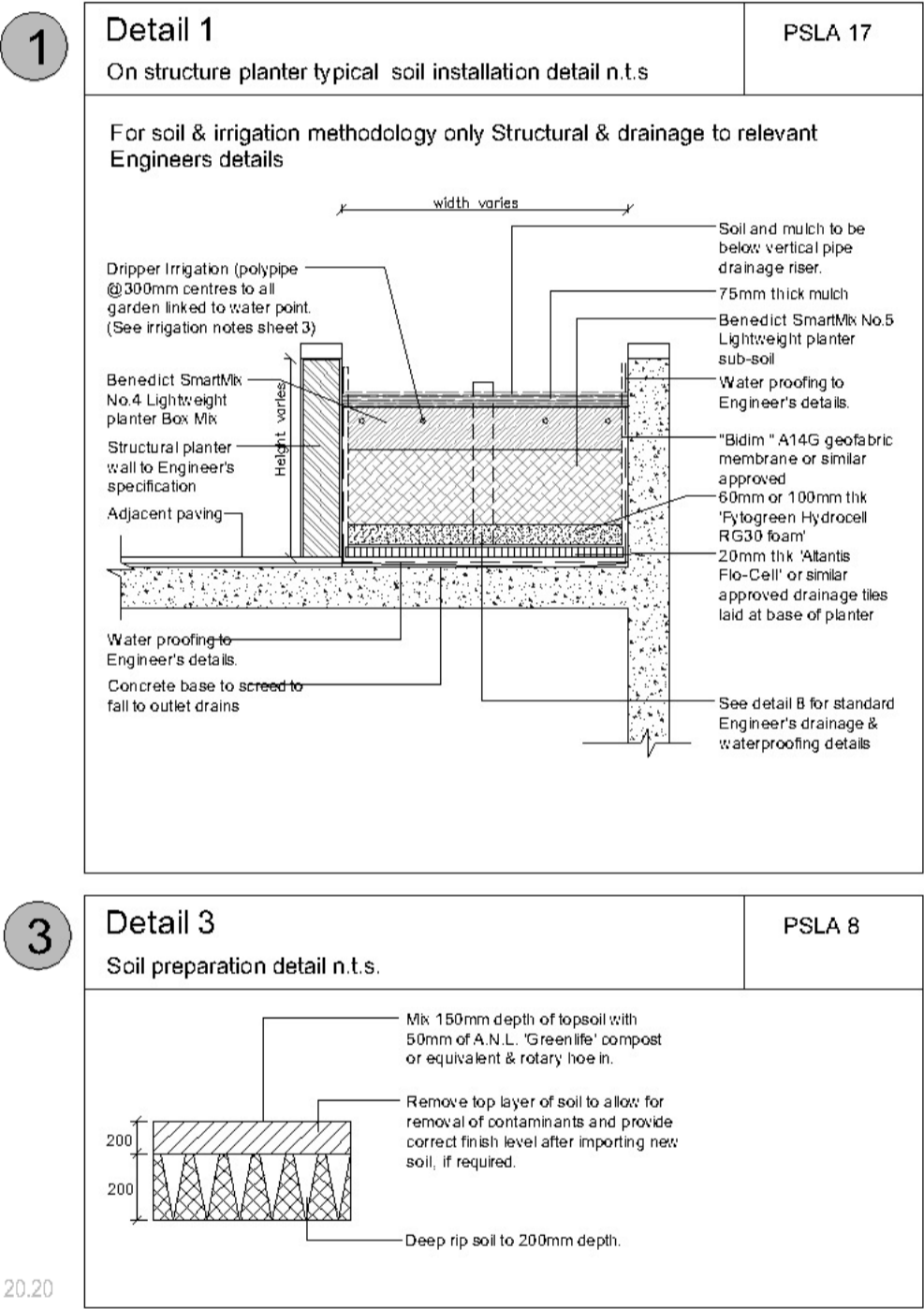
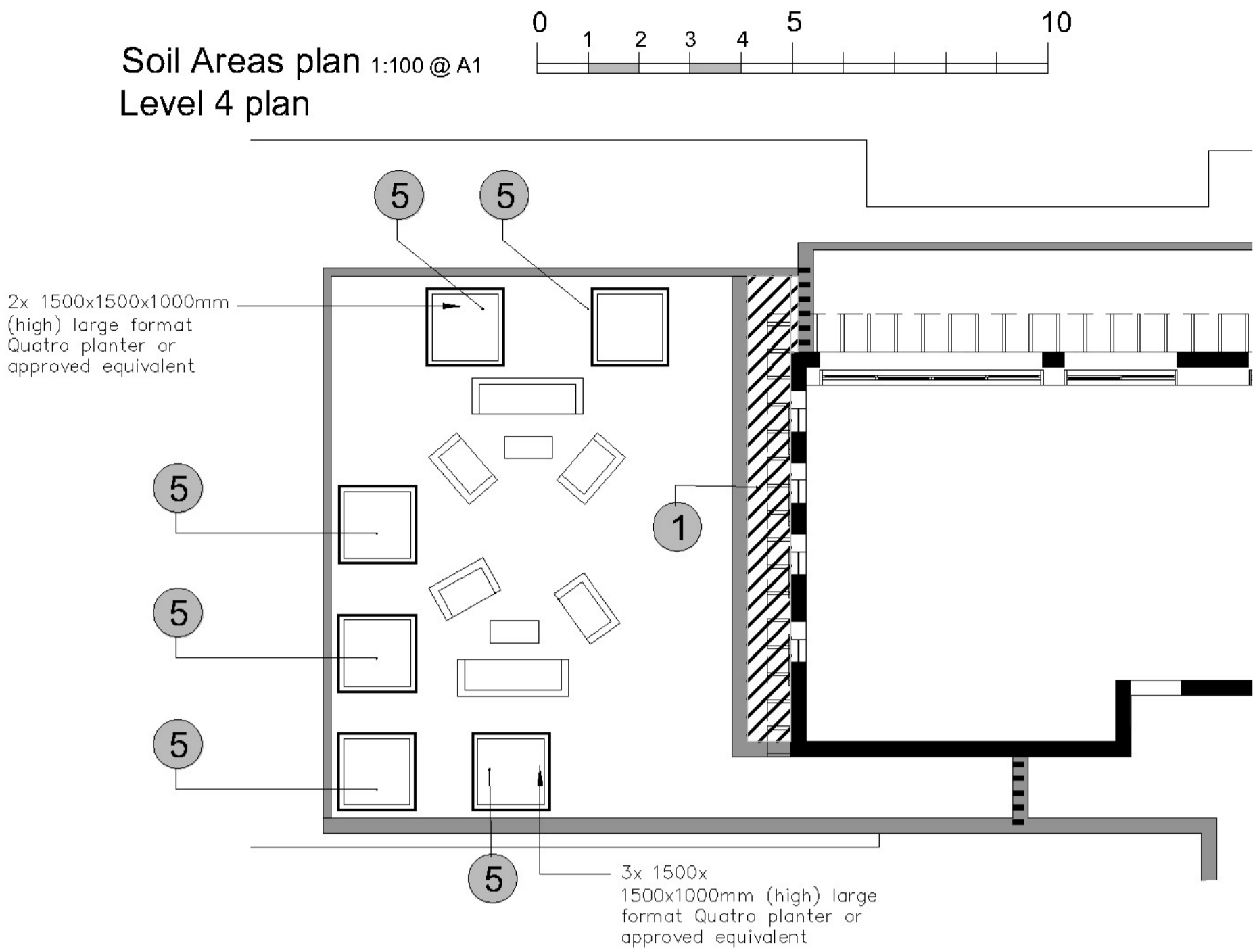


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ISSUE- K

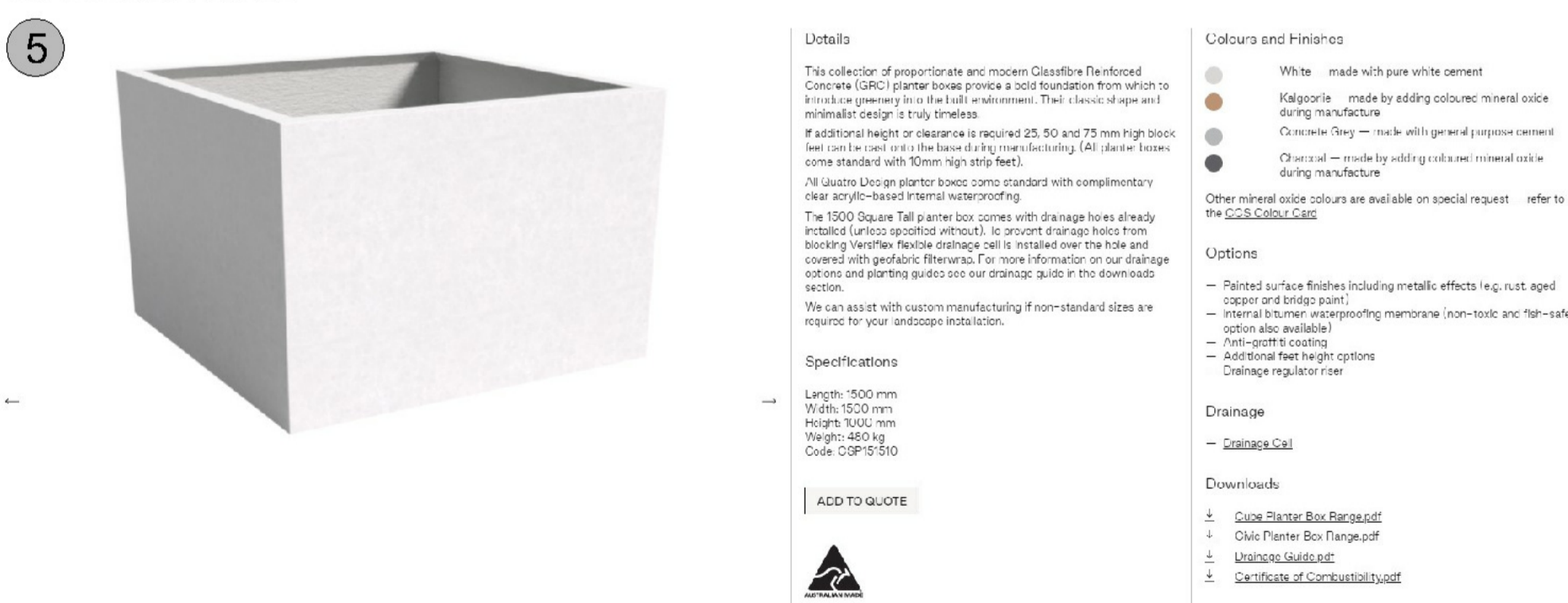
Soil Areas plan 1:100 @ A1
Ground Floor plan



Soil Areas plan 1:100 @ A1
Level 4 plan



1500 SQUARE TALL



Landscape soil calculations

Soil/planting detail#		
1	Soil/planting detail#	
	Natural deep soil	86.92 m2
	See detail 3	

	Raised planter 800mm (See detail 1)	65.66 m2
	Raised planter 1000mm deep (See detail 1)	15.18 m2

AMENDMENTS		
K	9.2.22	FOR COUNCIL RFI
J	7.2.22	
I	1.2.22	
G	8.12.21	



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DWG: SOIL AREAS PLAN

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SCALE: 1:100 @A1

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NORTH

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