

LANDSCAPE SPECIFICATION

CARSTENS MONUMENT

This is a historic monument built in white marble and is always to be protected during the project. On advice from the Queensland Government's, Department of Environment & Science, Principle Heritage Officer, Arts & Heritage it is noted; advice from a heritage stonemason would be required as to the condition of the memorial to ensure any conservation works are coordinated as part of the landscaping.

The existing concrete slab surrounding the memorial base IS TO REMAIN to ensure stability, with no pressure applied to that slab while landscape materials are removed.

Any demolition or landscaping works around the memorial will not worsen the condition of the monument and ensure drainage to fall away from the monument. An exemption certificate from the Queensland Government is to be secured prior to any works commencing.

EXISTING TREES

Trees are to be assessed by Qualified Horticulturalist and a Qualified Arborist on commencement of works, with any remedial work to be carried out in conjunction with landscaping works. Root damage is to be minimal and where necessary any existing rocks/structure that needs to be kept in place to ensure the stability of the tree should remain, and any root damage reported.

FOOTPATH PAVING

AREAS 1 & 4 main pavement areas will be determined by the treatment of a new pedestrian crossing (determined by others). The current design suggests the use of exposed aggregate concrete using three complimentary coloured exposed pebbles (5mm-10mm); Pink granite; Blue Riverstone (gray) and Walsh Gold (cream coloured). All works to be to Council Standards in accordance with FNQROC, and Australian Standards.

AREAS 2 & 3 have small areas of hard stand pavement to accommodate smoking away from footpaths. Recycle existing clay pavers from pedestrian crossings to match existing footpaths in Macrossan street, with laying pattern to be approved by Council in accordance with FNQROC, and Australian Standards.

AREA 4 requires resin pebble to be used as a surface to the north of the pedestrian crossing, to allow tree root growth under the permeable surface, and avoid any lifting of slabs or pavers.

IRRIGATION

All planting areas to be irrigated with an automated system. All street plantings will use pop-up sprays (to avoid vandalism) and be connected according to Council requirements. Irrigation to be installed in accordance with Council regulations and Australian Standards.

NATURAL GROUND SOIL

To be cultivated to a depth of 200mm where possible and amended with 50% aged compost, with 500g/m² of gypsum and suitable organic fertiliser at the recommended rate.

PLANTER GARDEN EDGES

Raised garden edges are to be Straightcurve Garden Edging product in a weathering steel finish. AREAS 1,2, &3 to use the 520mm high product with tensioning cables installed to manufacturers detail. Finished height of garden edge is be 450mm above existing kerb. AREA 4 to use 400mm high product with finished height to be 300mm above existing kerb.

RAISED GARDEN BED SOIL

is to be a suitable garden bed mix of 33% approved natural soil 33% aged organic matter and 33% Mill Mud mixed well & pH adjusted. Finished soil level to be 100mm below top of garden edge and allow for 20% compaction in boxes over the first 12 months by loading the soil height above required. Soil heights in lower garden areas to be 50mm below top of kerb. All new soil to be kept at least 300mm away from existing tree trunks and not to cover tree roots by more than 100mm.

MULCH

Use aged organic mulch to a depth of 75mm deep ensuring all plant stems are free of debris.

BOLLARDS

Are to be recycled timber from the Port Douglas Sugar Wharf deck. Four boards (200mm x 50mm each) are to be bolted together in two places to form a timber bollard 200mm x 200mm and capped with a 200mm x200mm x 100mm weathered steel cap. Refer detail

BENCH SEATS

To be Stoddart Town& Park, Metro Bench Curved custom made. AREA 1 to be 3000mm in length and AREA 3 to have two seats to be 3600mm in length. Location as shown on Plan.

BIKE RACK

To match existing products used in Warner Street.

ASH TRAYS

To match existing bin system already in place in Macrossan Street to Council Standard.



LOCATION PLAN & SPEC.



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Project: PROPOSED LANDSCAPE PLANTING
Macrossan Street, Port Douglas QLD 4877

Client: DOUGLAS SHIRE COUNCIL

Consultant: John Sullivan B.App.Sc.Hort, M.A.I.H

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Job No: DSC-D19

Drawn by: DV

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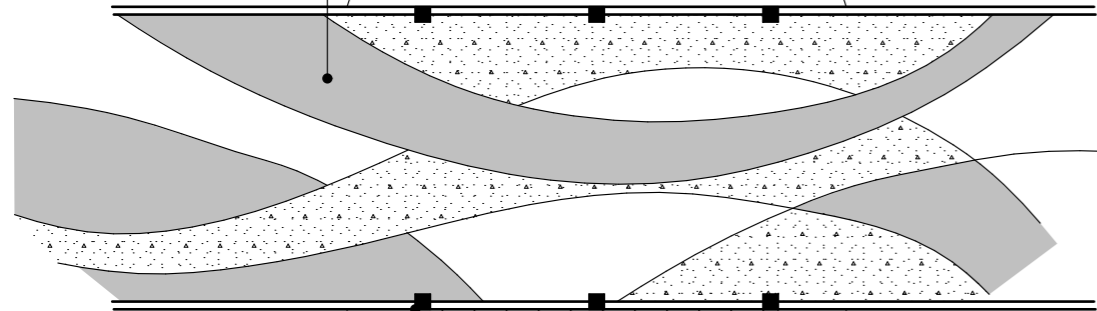
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Issue:
ISSUE - E

TO BE DONE AS A SEPARATE STAGE:
PROPOSED PEDESTRIAN CROSSING
SLIGHTLY RAISED AS SPEED HUMP
WITH 'WAVES' OF EXPOSED
AGGREGATE DEORATIVE
CONCRETE

EXISTING PLANTING



CUSTOM MADE TIMBER
BOLLARD: REFER DETAIL

EXPOSED AGGREGATE
CONCRETE

CUSTOM MADE TIMBER
BENCH SEAT

PROPOSED ASH TRAY
EXISTING EDGE OF ROCK
RETAINING TO BE
REMOVED

STRAIGHT CURVE
'WEATHERING STEEL'
RETAINING TO 450mm HIGH
(SHAPE OF BOAT)

PAN.P - 15

PAN.P - 24

FIC.G - 27

PHI.G - 16

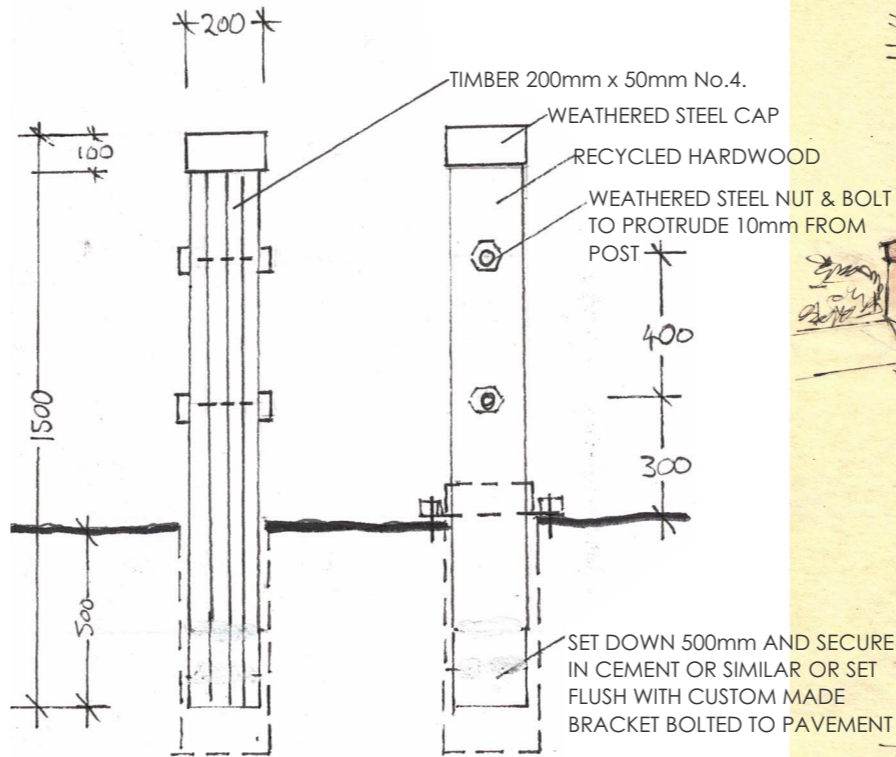
PEL.P - EXISTING TREE

EXISTING 700mm WIDE KERB

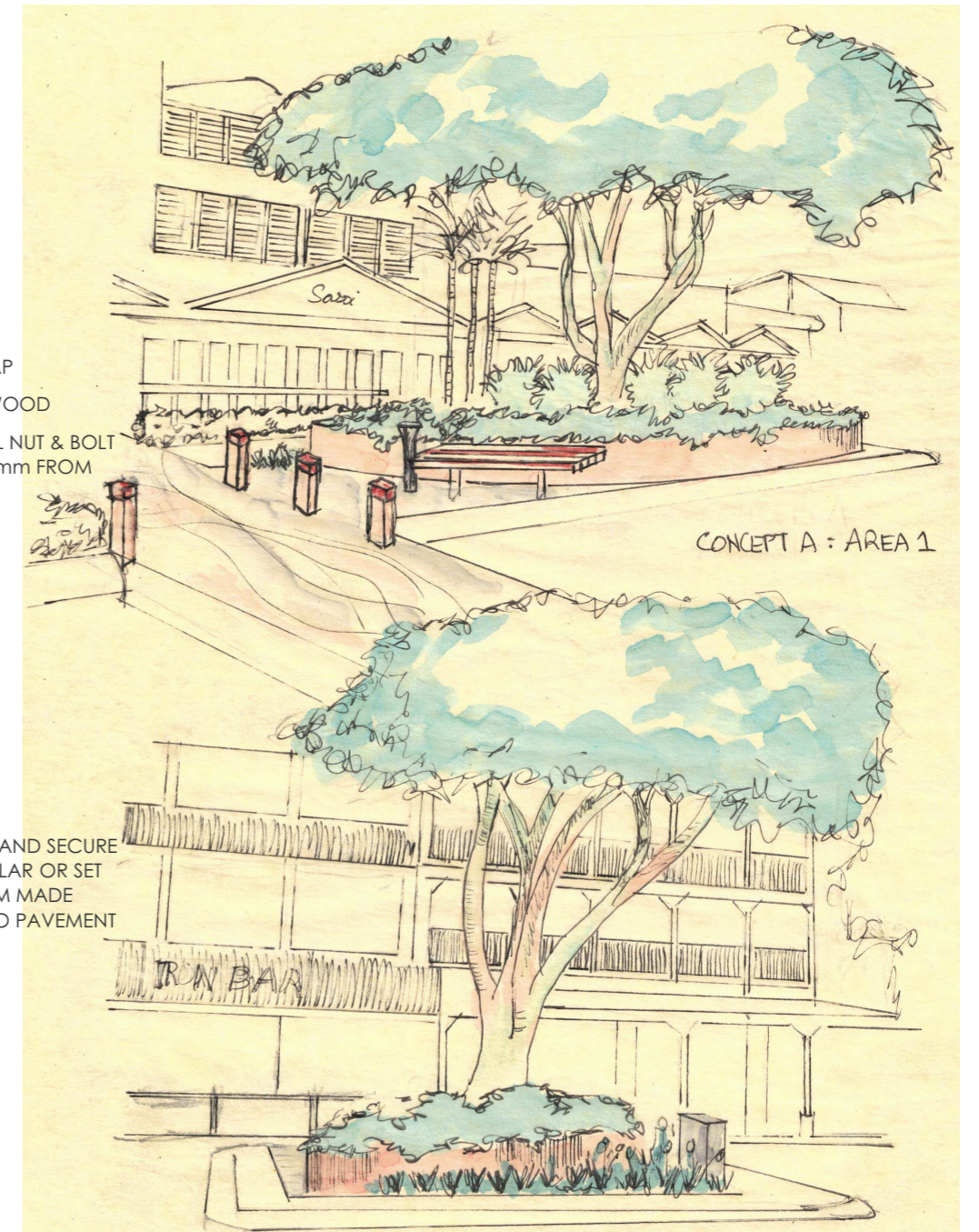
COR.PS - 7

EXISTING ELECTRICAL BOX

LANDSCAPE CONCEPT A : AREA 1
1:100



TYPICAL BOLLARD DETAIL (1:20)



Planting Area 1

CODE	BOTANICAL NAME	COMMON NAME	NO.	POT SIZE	TYPE	H&W.
COR.PS	<i>Cordyline fruticosa</i> "Pink Sister"	Cordyline Pink Sister	7	200mm	S	3x1.5
FIC.G	<i>Ficus macrocarpa</i> "Green Island"	Green Island Fig	27	140mm	S	1x1
PAN.P	<i>Pandanus pygmaeus</i>	Variegated Dwarf Pandan	39	140mm	GC	0.3x1
PEL.P	<i>Peltophorum pterocarpum</i>	Yellow Flame Tree	1	Existing	T	12x8
PHI.G	<i>Philodendron X gloriosum</i>	Velvet Elephant Ear	16	200mm	S	1x1

NOTE: Suitable substitutions may be made depending on the availability of the species and pot size.

KEY: C = Climber F = Fern GC = Ground Cover
G = Ginger P = Palm S = Shrub
Se = Sedge T = Tree

AREA 1 CONCEPT



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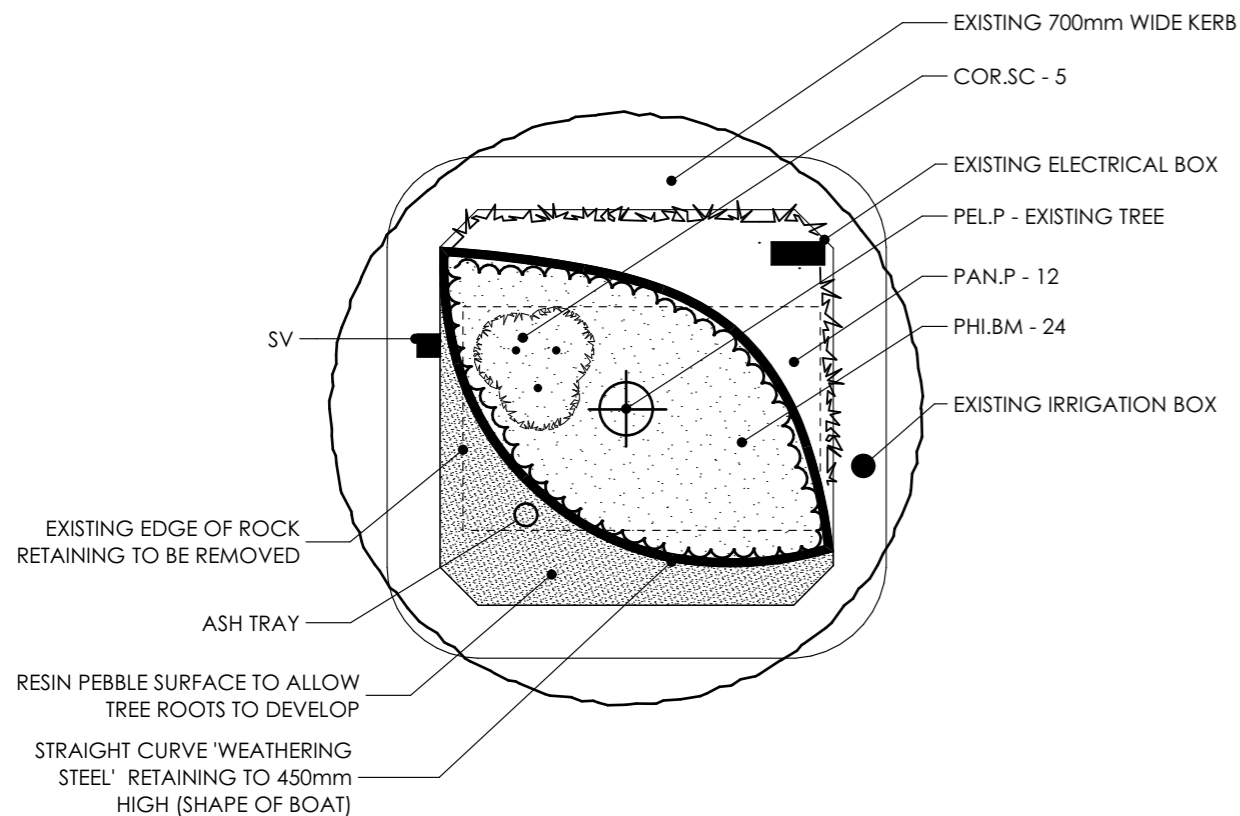
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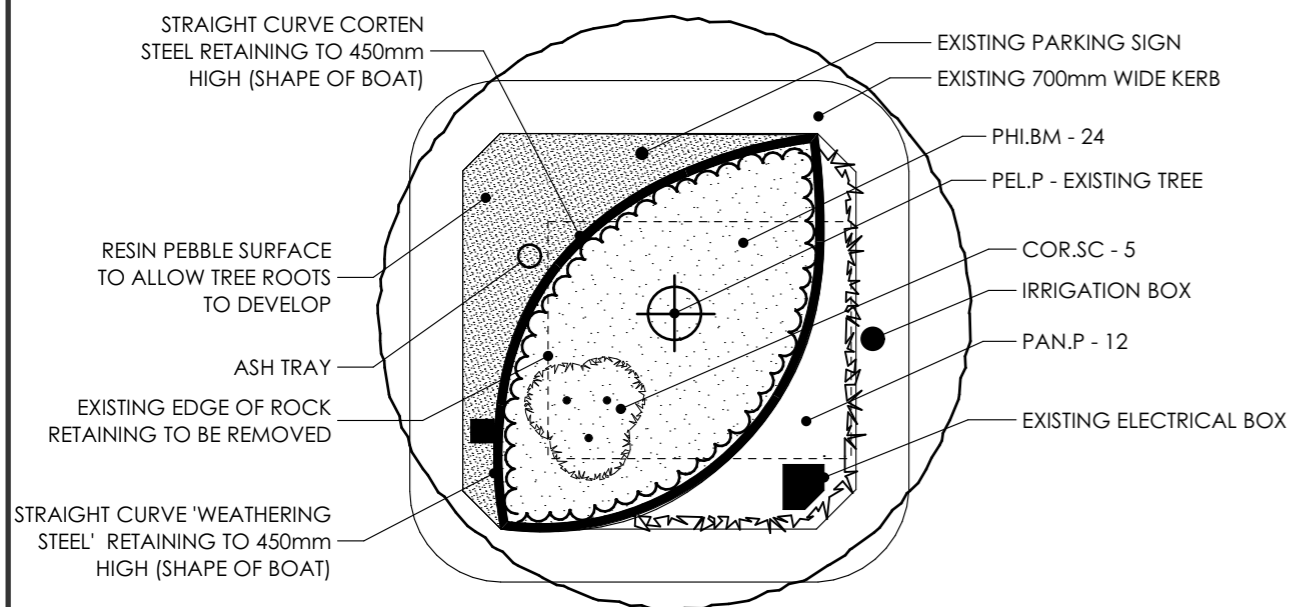
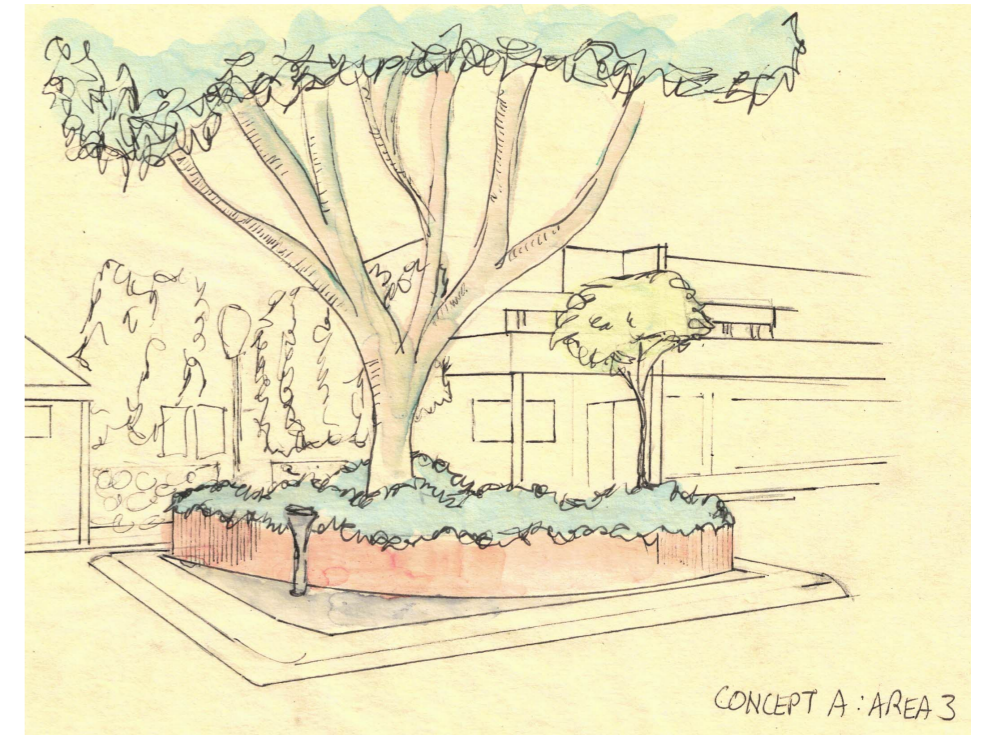
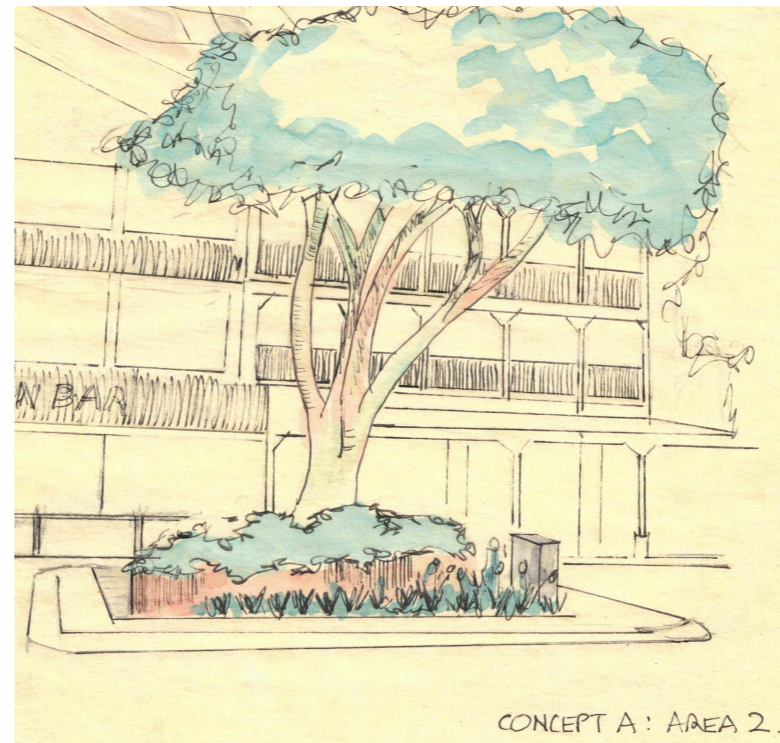
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ISSUE - E



LANDSCAPE CONCEPT A : AREA 2
1:100



LANDSCAPE CONCEPT A : AREA 3
1:100

Planting Area 2

CODE	BOTANICAL NAME	COMMON NAME	NO.	POT SIZE	TYPE	H&W.
COR.SC	<i>Cordyline fruiticosa</i> "Susies Choice"	Cordyline Susies Choice	5	200mm	S	1x0.5
PAN.P	<i>Pandanus pygmaeus</i>	Variegated Dwarf Pandan	12	140mm	GC	0.3x1
PEL.P	<i>Peltophorum pterocarpum</i>	Yellow Flame Tree	1	Existing	T	12x8
PHI.BM	<i>Philodendron cv. Burle Marx</i>	Philodendron Burl marx	24	200mm	GC	1x2

Planting Area 3

CODE	BOTANICAL NAME	COMMON NAME	NO.	POT SIZE	TYPE	H&W.
COR.PS	<i>Cordyline fruiticosa</i> "Pink Sister"	Cordyline Pink Sister	5	200mm	S	3x1.5
PAN.P	<i>Pandanus pygmaeus</i>	Variegated Dwarf Pandan	12	140mm	GC	0.3x1
PEL.P	<i>Peltophorum pterocarpum</i>	Yellow Flame Tree	1	Existing	T	12x8
PHI.BM	<i>Philodendron cv. Burle Marx</i>	Philodendron Burl marx	24	200mm	GC	1x2

NOTE: Suitable substitutions may be made depending on the availability of the species and pot size.
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AREA 2 & 3 CONCEPT



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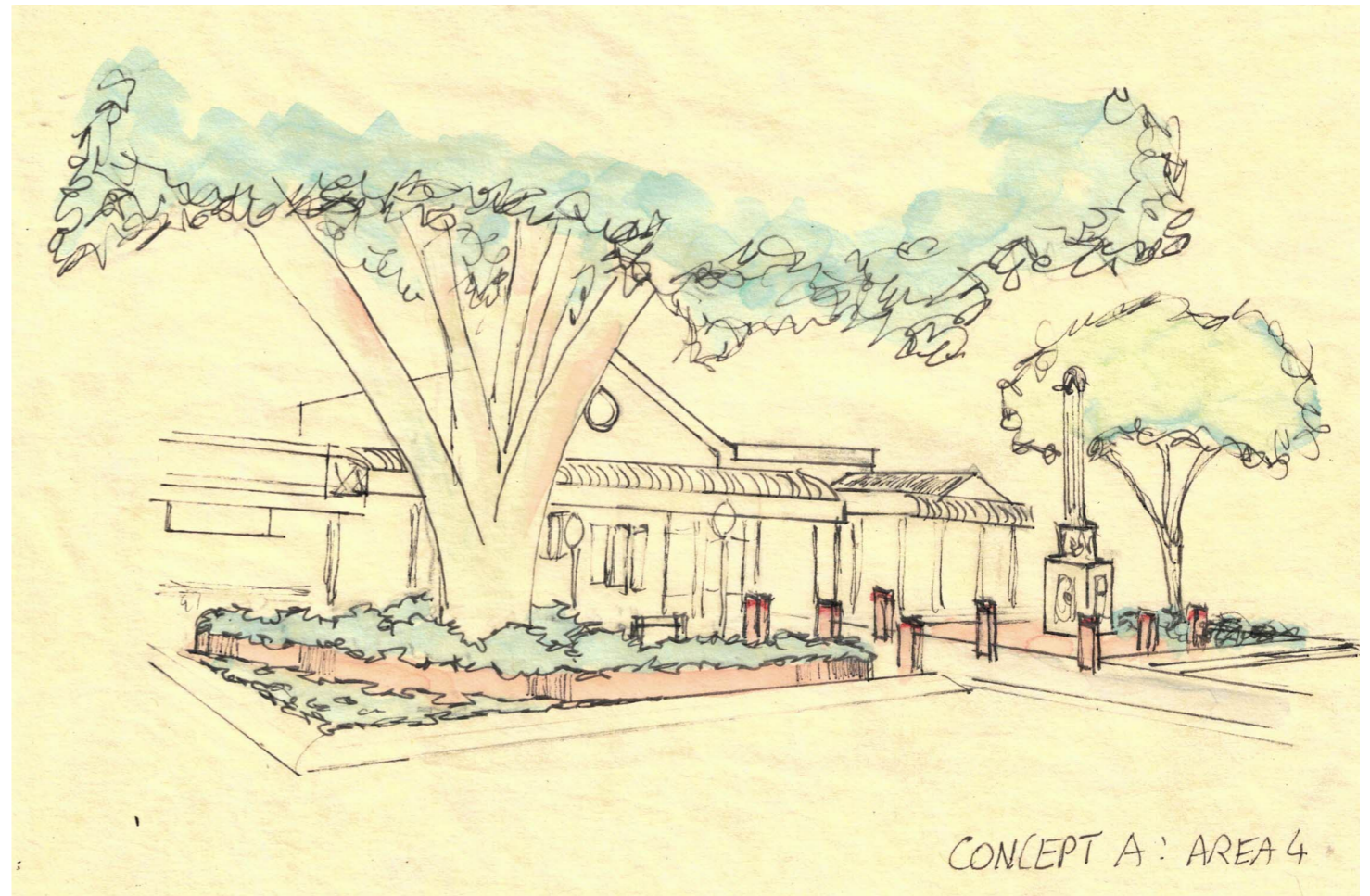
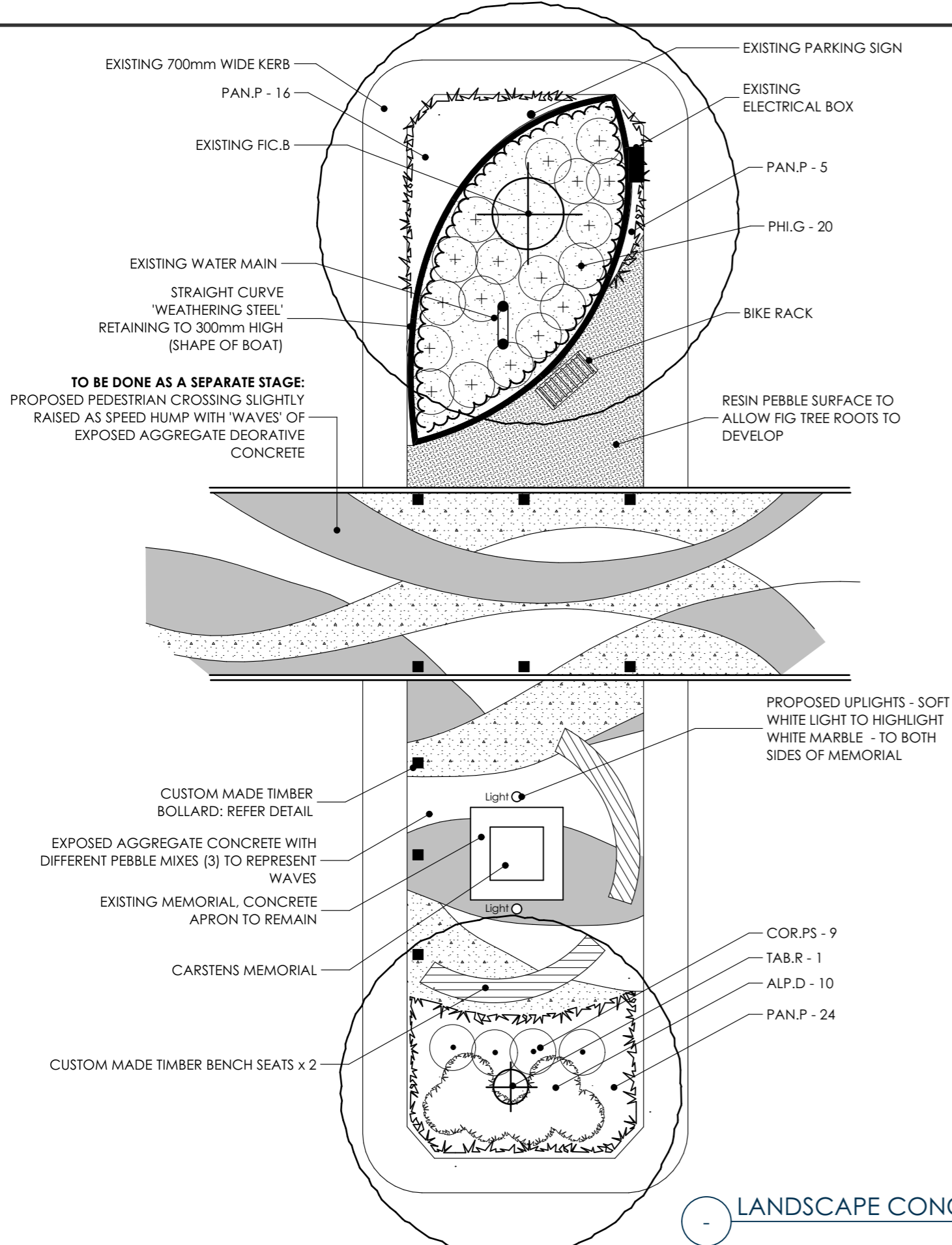
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Planting Area 4

CODE	BOTANICAL NAME	COMMON NAME	NO.	POT SIZE	TYPE	H&W.
APL.D	<i>Alpinia purpurata</i> cv dwarf	Dwarf Red Shell Ginger	10	200mm	S	1x1
COR.PS	<i>Cordyline fruticosa</i> "Pink Sister"	Cordyline Pink Sister	9	200mm	S	3x1.5
FIC.B	<i>Ficus benjamina</i>	Fig Tree	1	Existing	S	1x1
PAN.P	<i>Pandanus pygmaeus</i>	Variegated Dwarf Pandan	45	140mm	GC	0.3x1
PHI.G	<i>Philodendron X gloriosum</i>	Velvet Elephant Ear	20	200mm	S	1x1
TAB.R	<i>Tabebuia rosea</i>	Pink Trumpet Tree	1	100Ltr	T	8x6

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LANDSCAPE CONCEPT A : AREA 4
1:100

AREA 4 CONCEPT

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