

LANDSCAPE DOCUMENTATION PACKAGE

CAR PARK RESERVE DEVELOPMENT

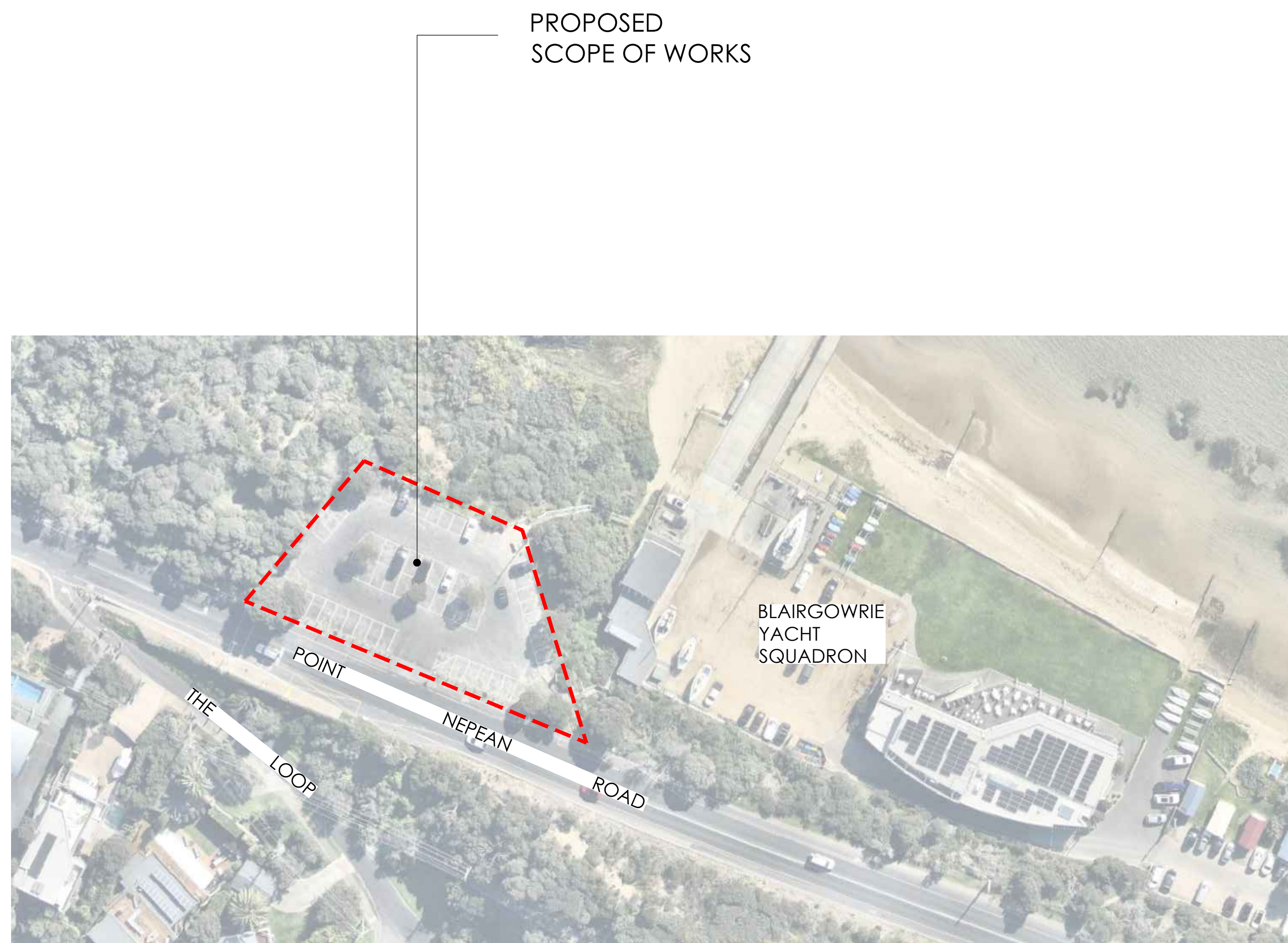
WHITECLIFFS FORESHORE RESERVE

SEVILLES CARPARK,
BLAIRGOWRIE,
VICTORIA

DRAWING REGISTER

L0	CONTEXT PLAN
L1	CHARACTER IMAGES 1.
L2	CHARACTER IMAGES 2.
L3	CHARACTER IMAGES 3.
L4	LANDSCAPE PLAN
L5	SETOUT PLAN - VIEWING DECK
L6	LANDSCAPE DETAILS

NOTE: THIS IS A CONCEPT PLAN ONLY.
LAYOUT IS SUBJECT TO DETAIL DESIGN, SITE
SURVEY AND ARBORICULTURAL ASSESSMENT.



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PLA PROJECT:
CARPARK LANDSCAPE DESIGN

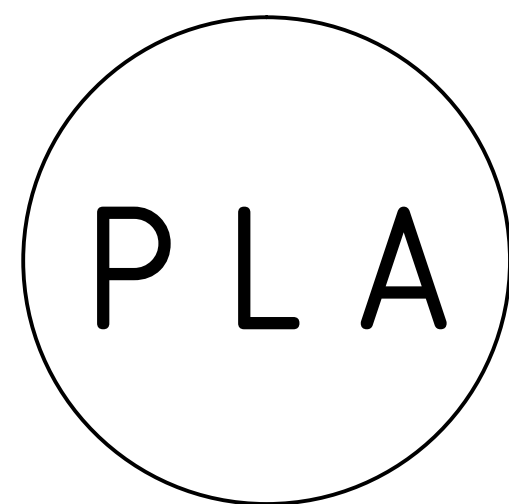
SITE ADDRESS:
SEVILLES CARPARK,
BLAIRGOWRIE, VIC

PAGE TITLE:
CONTEXT PLAN

PROJECT DATE:
DEC 2023

CLIENT:
WHITECLIFFS
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PLA JOB REFERENCE:
22-2244



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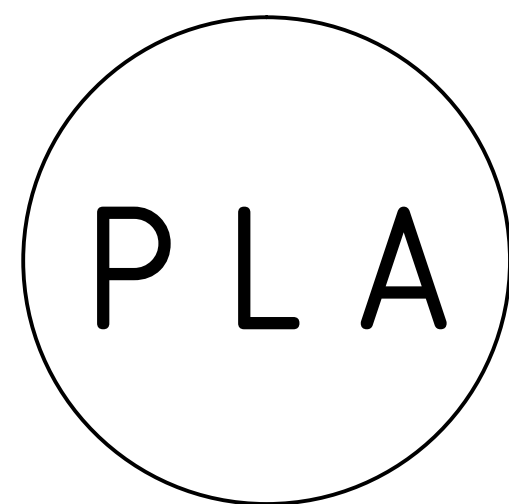


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CHARACTER IMAGES 1.

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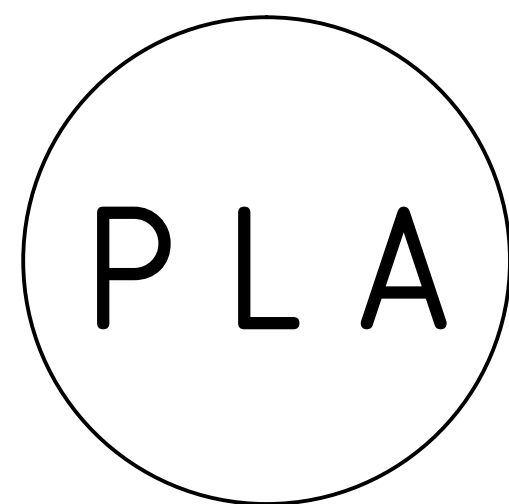
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NORTH POINT: SCALE: N/A	REVISION: B PAGE: L2
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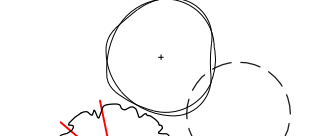

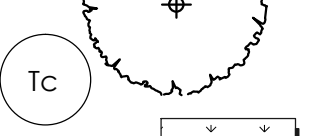
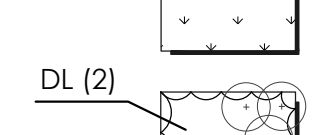
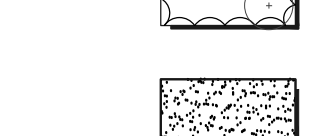


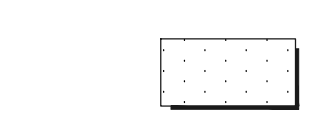
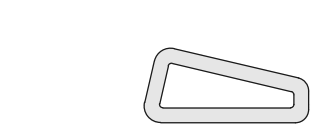

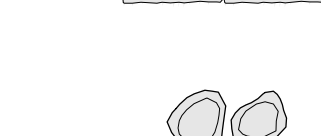
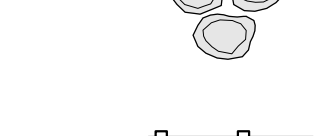
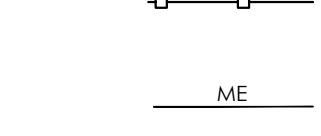
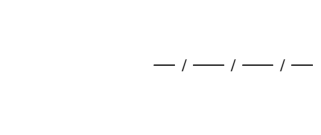
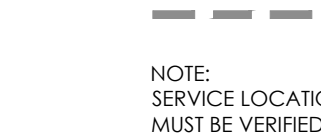

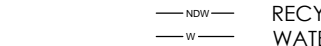
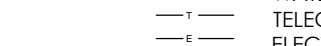





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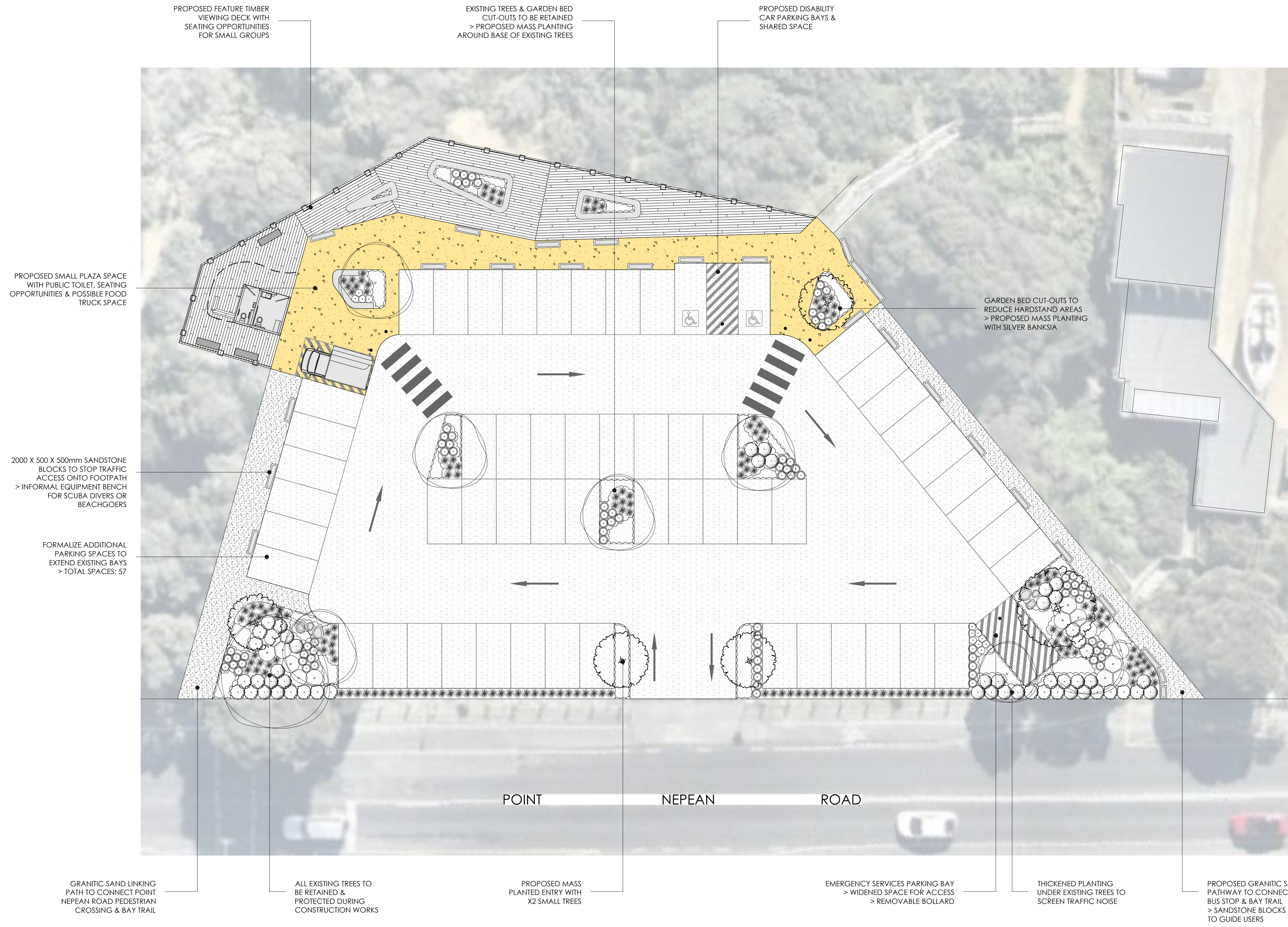
NORTH POINT:
SCALE:
N/A
REVISION: B
PAGE: L3

LEGEND

-  EXISTING TREE TO BE RETAINED
 -  EXISTING TREE TO BE REMOVED
 -  PROPOSED DECIDUOUS TREE, EVERGREEN TREE, TREE LOCATOR SYMBOL & SPECIFIC PLANT CODE.
> ALL TREES PLANTED WITHIN MULCHED RINGS
> REFER TO LANDSCAPE PACKAGE FOR PLANT SCHEDULE & ALL LANDSCAPE INSTALLATION DETAILS
> TREE SPECIES PLANT CODE IN CIRCLE NEXT TO TREE CANOPY
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 -  PROPOSED LAWN AREA
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 -  PROPOSED RECYCLED TIMBER DECKING
> 190 x 45mm WIRE BRUSHED WHARF TIMBER
 -  NEW ASPHALT CAR PARK SURFACING
 -  PROPOSED FEATURE SEATING PODS
> APPROX. 450H TIMBER CLAD SEATING TOP
> MASS PLANTED GARDEN BED INFILL
 -  PROPOSED FEATURE SANDSTONE BLOCKS
> 500 x 500 x 20mm SIZES
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-  GAS
 -  RECYCLED WATER
 -  WATER
 -  TELECOM
 -  ELECTRICITY
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 -  SEWER & PIT

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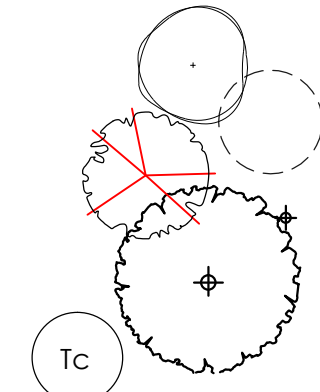
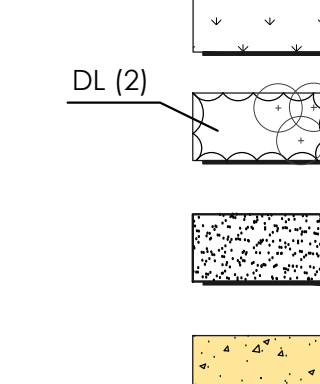
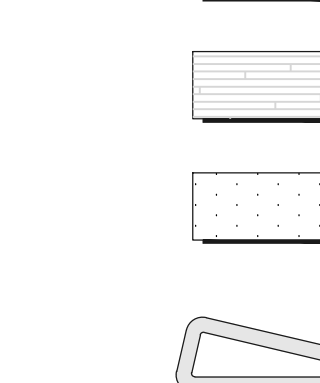
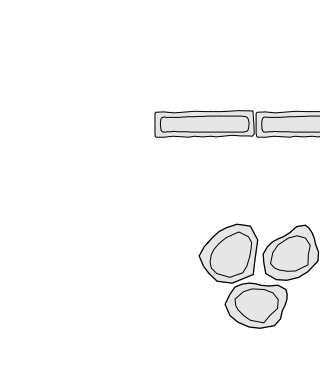

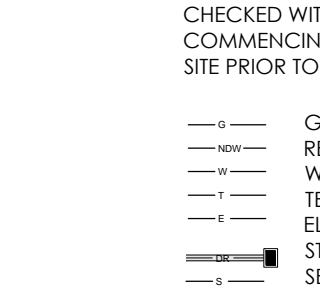
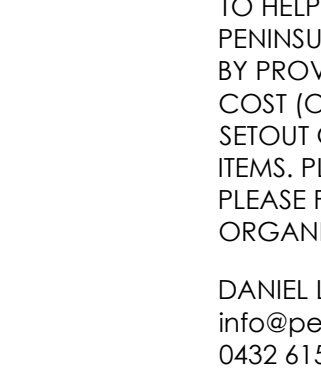


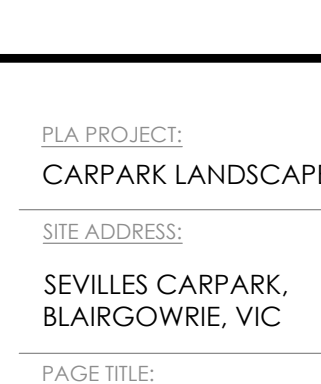
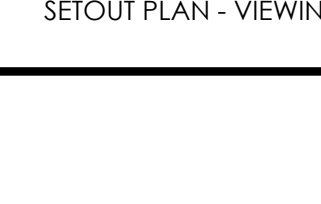


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SITE ADDRESS: SEVILLES CARPARK, BLAIRGOWRIE, VIC	CLIENT: WHITECLIFFS FORESHORE RESERVE	
PAGE TITLE: LANDSCAPE PLAN	PLA JOB REFERENCE: 22-2244	REVISION: B PAGE: L4

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TIMBER VIEWING DECK
ENGINEERED TO SUPPORT
PUBLIC TOILET FACILITY
> ADDITIONAL SPACE FOR
MAINTENANCE ACCESS &
CONNECTION TO BAY TRAIL

RAISED TIMBER BENCH SEAT
> GARDEN BED CUT-OUT BELOW
EXISTING TREE TO BE RETAINED
> SMALL TO MEDIUM PLANT
SPECIES TO MAINTAIN VIEW LINES

PROPOSED FEATURE
SEATING PODS
> APPROX. 450H TIMBER
CLAD SEATING TOP
> MASS PLANTED
GARDEN BED INFILL

FEATURE TIMBER DECK
VIEWING PLATFORM
> STEEL SUB-STRUCTURE TO
ENGINEERS DETAIL

EXPOSED AGGREGATE
CONCRETE PAVEMENT WITH
LEVEL TRANSITION TO VIEWING
DECK FOR ACCESSIBLE
MOVEMENT TO PUBLIC TOILET

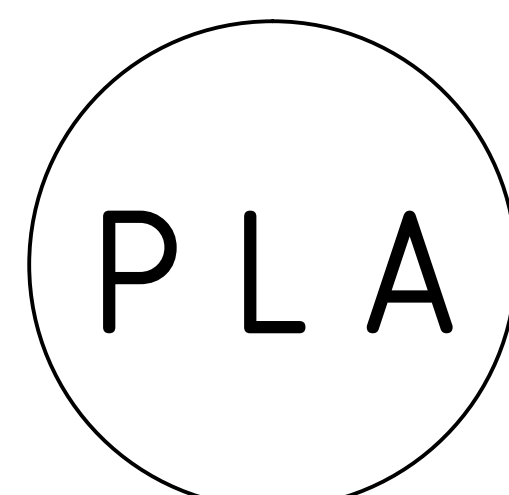
INFORMAL SEATING
OPPORTUNITIES WITH
SANDSTONE BLOCKS
TO EDGE OF SPACE

PROPOSED BENCH
SEATS FIXED TO
TIMBER DECK

PROPOSED ACCESSIBLE
PUBLIC TOILET BLOCK
> ATTACHED WASHDOWN AREA
WITH OUTDOOR SHOWER, BENCH
SEAT & TIMBER BATTEN SCREEN

OPPORTUNITY FOR COFFEE
VAN RENTAL SPACE
> REMOVABLE BOLLARD ACCESS
> FLEXIBLE SPACE FOR
MAINTENANCE OR EMERGENCY
VEHICLE PARKING

2000 X 500 X 500mm SANDSTONE
BLOCKS TO STOP TRAFFIC
ACCESS ONTO FOOTPATH
> INFORMAL EQUIPMENT BENCH
FOR SCUBA DIVERS OR
BEACHGOERS



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1: 100 @ A1
1: 200 @ A3
REVISION: B
PAGE: L5

PLANTING SCHEDULE

TREES					
CODE	BOTANIC NAME	COMMON NAME	H	W	PLANTED SIZE
AV	Allocasuarina verticillata	DROOPING SHE-OAK	8.00	5.00	2.0M TALL
BI	Banksia integrifolia	COAST BANKSIA	12.00	6.00	2.0M TALL

GRASSES & GROUND COVERS					
CODE	BOTANIC NAME	COMMON NAME	H	W	PLANTED SIZE
AUF	Austrorhiza flavescens	COAST SPEAR GRASS	1.00	1.00	150 DIA POT
CRos	Carpobrotus rossii	KARKALLA	0.20	1.00	150 DIA POT
CH	Chryscephalum apiculatum	COMMON EVERLASTING	0.30	1.00	150 DIA POT
DB	Dianella brevicaulis	SMALL FLOWER FLAX LILY	0.60	0.60	150 DIA POT
DR	Dianella sp. aff revoluta	COAST FLAX LILY	0.60	0.60	150 DIA POT
DRe	Dichondra repens	KIDNEY WEED	0.30	1.50	150 DIA POT
FNo	Ficinia nodosa	KNobby CLUB-SEDGE	1.00	0.80	150 DIA POT
KP	Kennedia prostrata	RUNNING POSTMAN	0.20	1.50	150 DIA POT
LEg	Lepidosperma gladiatum	COAST SWORD SEDGE	1.20	1.00	150 DIA POT
PL	Poa labillardieri	COMMON TUSsock GRASS	0.80	0.50	150 DIA POT

SHRUBS					
CODE	BOTANIC NAME	COMMON NAME	H	W	PLANTED SIZE
ALb	Alyxia buxifolia	SEA BOX	1.50	1.50	250 DIA POT
CA	Correa alba	WHITE CORREA	1.50	1.50	250 DIA POT
CR	Correa reflexa	COMMON CORREA	1.50	1.50	250 DIA POT
OA	Olearia axillaris	COAST DAISY BUSH	1.50	1.50	250 DIA POT

TREE PROTECTION NOTES

(Ref - AS 4970-2009 Protection of Trees on Development Sites)

Tree protection zones (TPZ) must be established to ensure the successful retention of trees on any development site. The intention of a TPZ is to provide adequate root space to sustain the health and stability of the tree while minimising physical damage and changes to the tree's growing environment.

The TPZ is a combination of the root area and crown area requiring protection.

The Structural or Critical Root Zone (CRZ) is the area within the TPZ that is required for tree stability.

Determining the TPZ and CRZ
The TPZ is a radius around the tree and is calculated for each tree using the DBH, which is the diameter of the trunk at breast height (1.4m from the ground). The TPZ radius is equal to 12 times DBH. The TPZ should not be less than 2.0m nor greater than 15.0m (unless as notified by a qualified arborist or responsible authority). The TPZ of palms, monocots, cycads or tree ferns should not be less than 1.0m outside the crown projection. The CRZ is calculated when major encroachment within the TPZ is proposed and is detailed in AS 4970-2009.

Variations to the TPZ
Encroachment or variations to the TPZ including excavation, compacted fill and machine trenching are possible but must be in accordance with AS 4970-2009.

Minor encroachment
If proposed encroachment is less than 10% of the area of the TPZ and is outside the SRZ, detailed root investigation should not be required. The area left to this encroachment must be compensated for elsewhere and contiguous with the TPZ as per AS 4970-2009.

Major encroachment
If the proposed encroachment is greater than 10% of the TPZ or inside the SRZ, a qualified arborist must demonstrate that the tree(s) would remain viable.

TPZ encroachment considerations
Any construction or excavation that involves encroachment within any TPZ must first be approved by a qualified arborist and the local authority. Alternative construction methods should be employed. These include screw piles, pier & beam footings, cantilevered slabs and waffle slabs. Strip footings must not be used. Paving constructed within the TPZ of any tree must be porous in nature. All underground services must be provided outside the canopy drip-line and TPZ of any existing trees on site or adjoining properties.

Excavation must be undertaken by hand within the TPZ and any tree roots greater than 30mm in diameter encountered within the TPZ must be inspected by a qualified arborist and/or the responsible authority before any pruning occurs. Pruning of any tree root greater than 30mm diameter must be undertaken by a qualified arborist.

Tree protection measures
Protective fencing must be erected before any machinery or materials are brought on site and before commencement of works, including demolition. An existing protective fence to 1.8m must be constructed around the TPZ in accordance with AS 4970-2009.

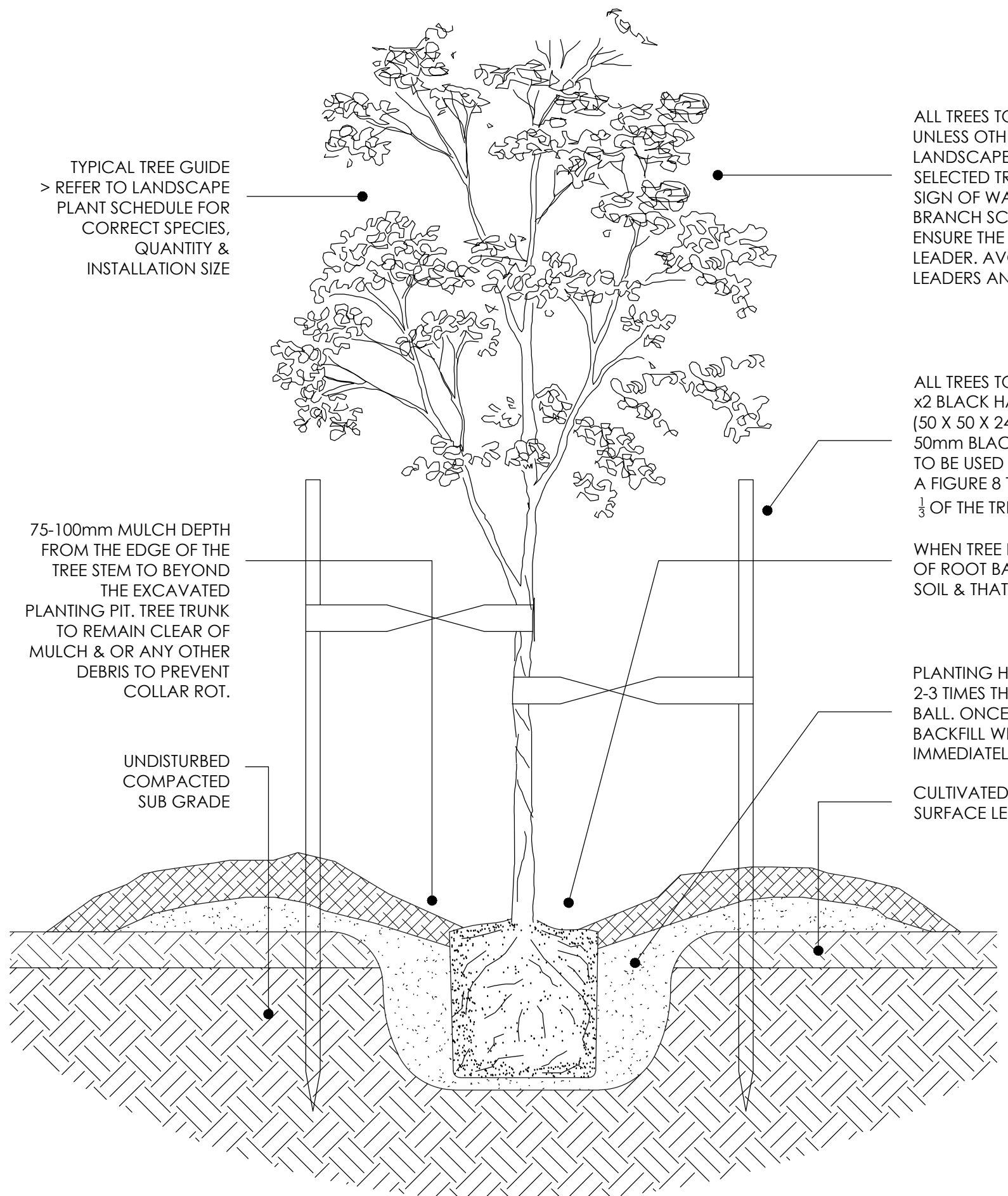
Where work is to occur within a TPZ, the protective fencing may be relocated as approved by a qualified arborist and/or the responsible authority. Protective fencing must only be moved the minimum distance necessary for this work to occur. The base of a tree to be retained is to be decompact, weeded, fertilised and provided with a layer of organic mulch 50-100mm deep for the duration of construction. Soil moisture levels should be regularly monitored and temporary irrigation installed if required.

The following activities are not permitted within the fenced area:

- Alteration of existing soil level, compaction of soil or changing of soil drainage
- Storage of equipment, machinery or materials
- Storage or disposal of fuel, oils, chemicals, poisons, rubbish or other materials
- Use of open trenching to lay underground services unless approved by the responsible authority
- Severing or injuring of tree roots
- Vehicle or pedestrian access
- Attaching of anything whatsoever, including temporary services wires, nails, screws or other fixing devices
- Construction of any building or structure
- Use of machinery to remove existing concrete, bricks or material

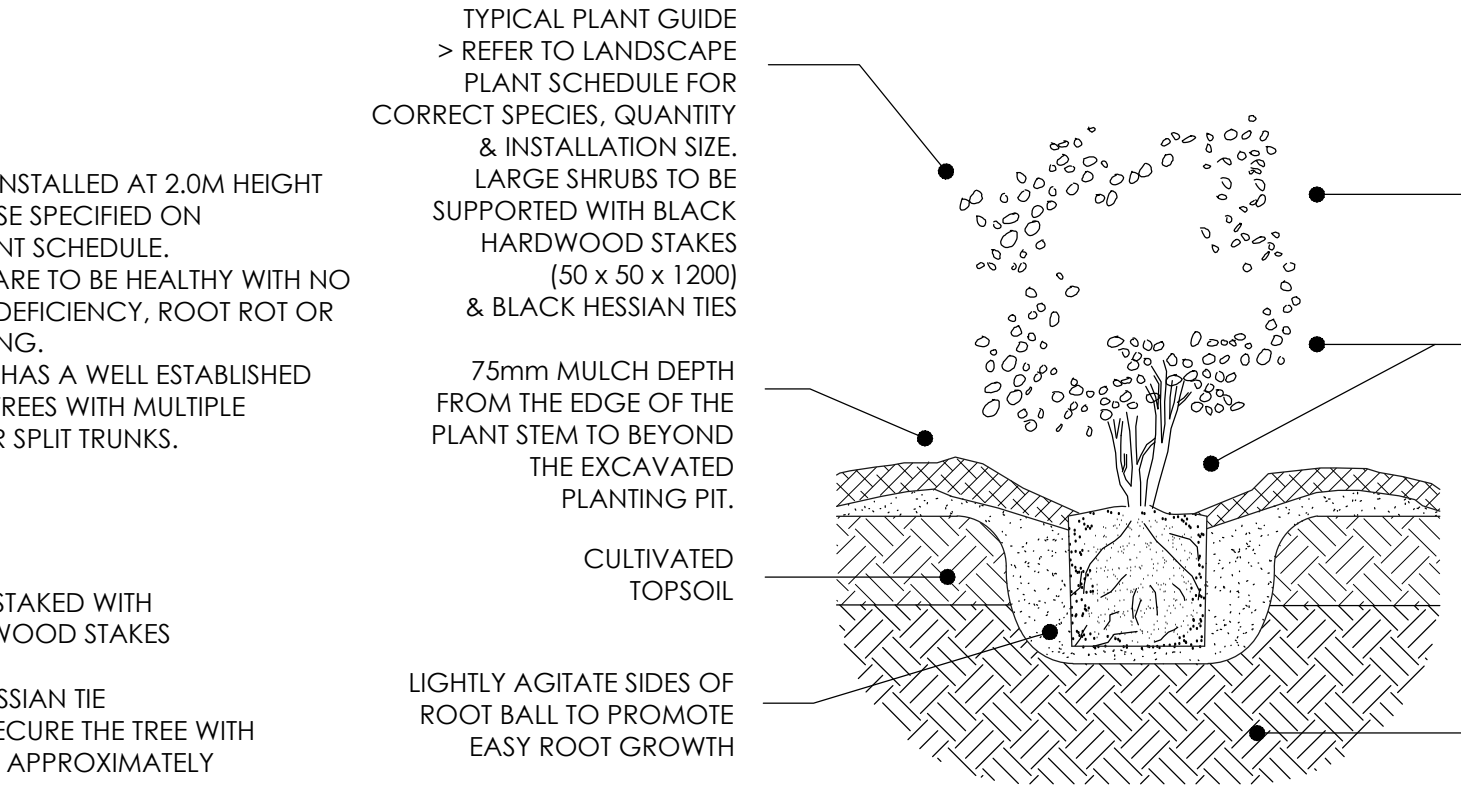
LANDSCAPE NOTES

- This landscape package is not to be used as working drawings and all details, engineering and setout is to be certified by others
- Contractor to verify location of all underground services prior to commencement of work.
- Remove weeds from all areas shown on the drawings as garden bed and lawn. Herbicide to be used sparingly.
- Grade site into garden beds, lawn or gravel areas. Adjust grading accordingly when water tracks or ponding is apparent.
- Determine pH of soil using pH kit available at most nurseries. The soil should have a pH slightly acidic to neutral (pH - 5.5 to 7.0). If outside of this range contact your local nursery to obtain advice on improving the pH level. Plant tolerance of high or low pH varies.
- Clay soils should be checked for responsiveness to gypsum which can allow plant roots to penetrate the soil. If required, add gypsum according to manufacturer's directions.
- Minimise cultivation of existing soil and improve with organic material such as well rotted manures, soil improvers or compost prepared to AS-4454-2003. Top dress existing soil with this matter and cover with mulch. If existing topsoil is not available then imported topsoil that complies with AS 4419-2003 should be used.
- Plant selection shall be as per the plant schedule in locations as shown on the drawings. Plant quantities are to be confirmed by the contractor and any discrepancies between the plant schedule and plan are to be reported to the Landscape Architect before proceeding. Plants are to have well developed root systems and be free of pest and disease.
- A drip watering system should be installed to all garden beds and connected to a rainwater tank if available. If unavailable, a rainwater tank should be sized and installed as per plumbing regulations and local guidelines. Builder to confirm location and style on site.
- Apply organic mulch to all garden bed areas to a depth of 75mm as per planting details. Recommended sources of mulch should be Pine or local common Eucalyptus. Rare timbers such as Red Gum or Jarrah should not be used.
- Seasol is an ideal fertiliser to apply upon initial planting. Seasol targets roots and promotes healthy & balanced growth. Phostogen is an ideal liquid fertiliser that can be applied to the entire garden every three months. Individual plant species have varying requirements. Consult your local nursery for advice.
- All timber products to be treated pine, recycled or plantation grown. Jarrah, Red Gum or Native (White) Cypress Pine (Callitris columellaris) should not be used unless demonstrated that they are a recycled product.
- Stake trees for one to two years as per detail. Use two or three 38x38x1800 HW stakes per tree and fasten with 50mm fabric ties.
- All climbers require wire or trellis climbing frame to be attached to the adjacent surface.
- Unless otherwise noted on plan, use timber edging as per detail between all garden bed, crushed rock paths & lawn areas.
- Areas shown as lawn on the drawings are to be re-graded to provide smooth contours and raked to remove soil clods and rubble. It is recommended that lawn areas be seeded with non-invasive grass species such as: Queensland Blue-Grass (Dicanthemum sericeum), Red-leg Grass (Bothriochloa macra), Weeping Grass (Microalaena stipoides), Creeping Bent Grass (Agrostis stolonifera), Clustered Wallaby Grass (Danthonia racemosa), Kentucky Blue-Grass (Poa pratensis), Tall Fescue (Festuca arundinacea). Water lawn areas during establishment in accordance with State guidelines as advised by Local Water Authority.
- Follow-up maintenance should be undertaken every 4-6 weeks for 2 years following establishment. Dead or diseased plants should be replaced. Continue to monitor for weed species and remove as required. Eradicate any pest animals or insects. Continue to water plants according to individual species' moisture needs, seasonal conditions and as advised by Local Water Authority. All plants and trees to be monitored and pruned as required, according to AS 4373 (Pruning of Amenity Trees). Mulch to be replenished annually in Spring.



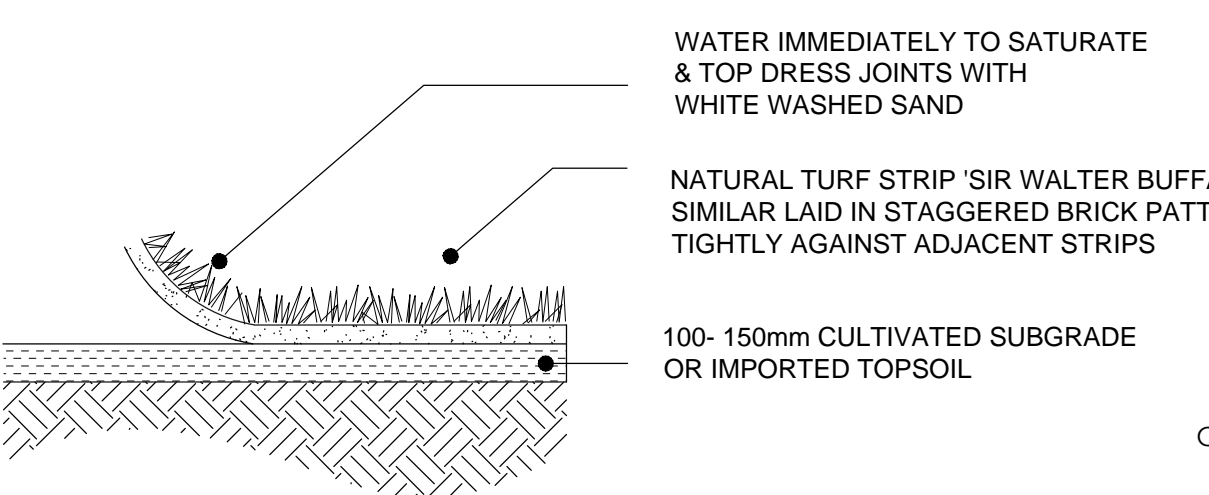
LANDSCAPE DETAIL: 1~ L6

TREE PLANTING DETAIL (TYP)
SECTION
DETAIL 1:10



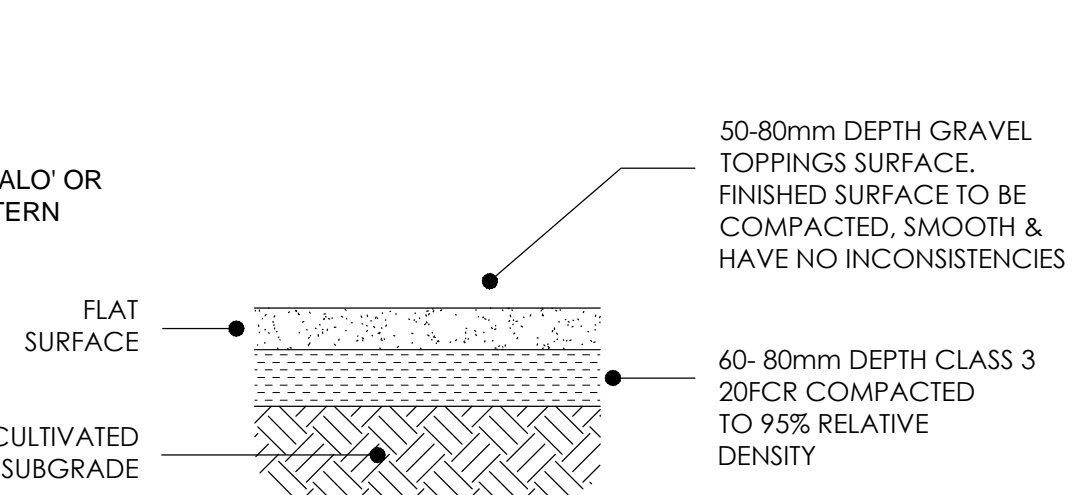
LANDSCAPE DETAIL: 2~ L6

SHRUB PLANTING DETAIL (TYP)
SECTION
DETAIL 1:10



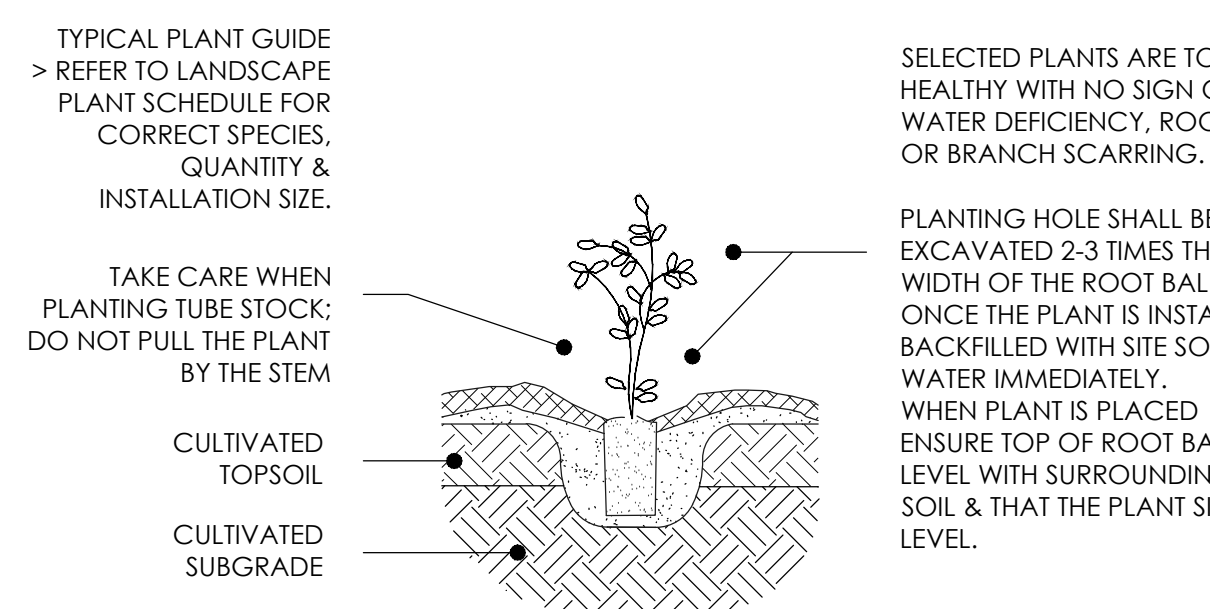
LANDSCAPE DETAIL: 5~ L6

INSTANT TURF (TYP)
SECTION
DETAIL 1:20



LANDSCAPE DETAIL: 6~ L6

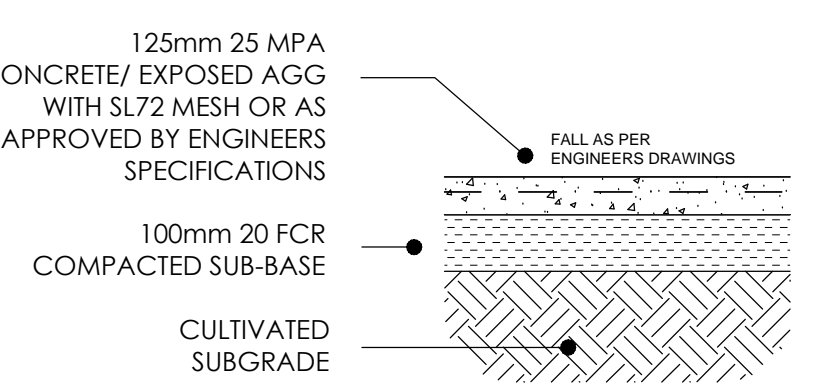
GRAVEL SURFACE DETAIL (TYP)
SECTION
DETAIL 1:10



LANDSCAPE DETAIL: 3~ L6

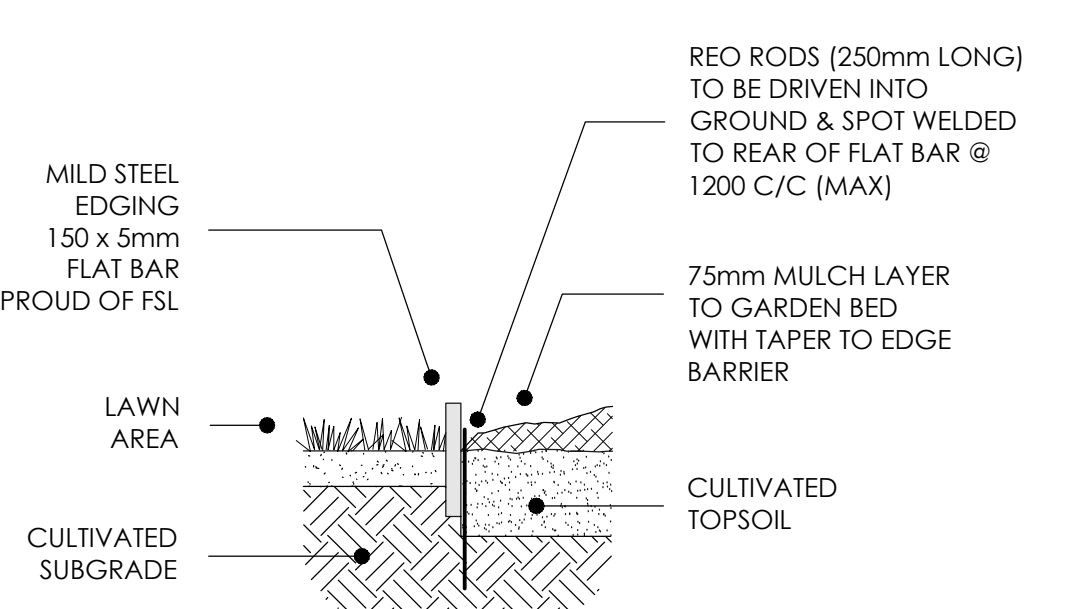
TUBE STOCK PLANTING DETAIL (TYP)
SECTION
DETAIL 1:10

JOINT TABLE		
PATH WIDTH	SAW CUT CENTRES	EXPANSION JOINT CENTRES
1.2m	1.5m	9m
1.8m	2.0m	10m



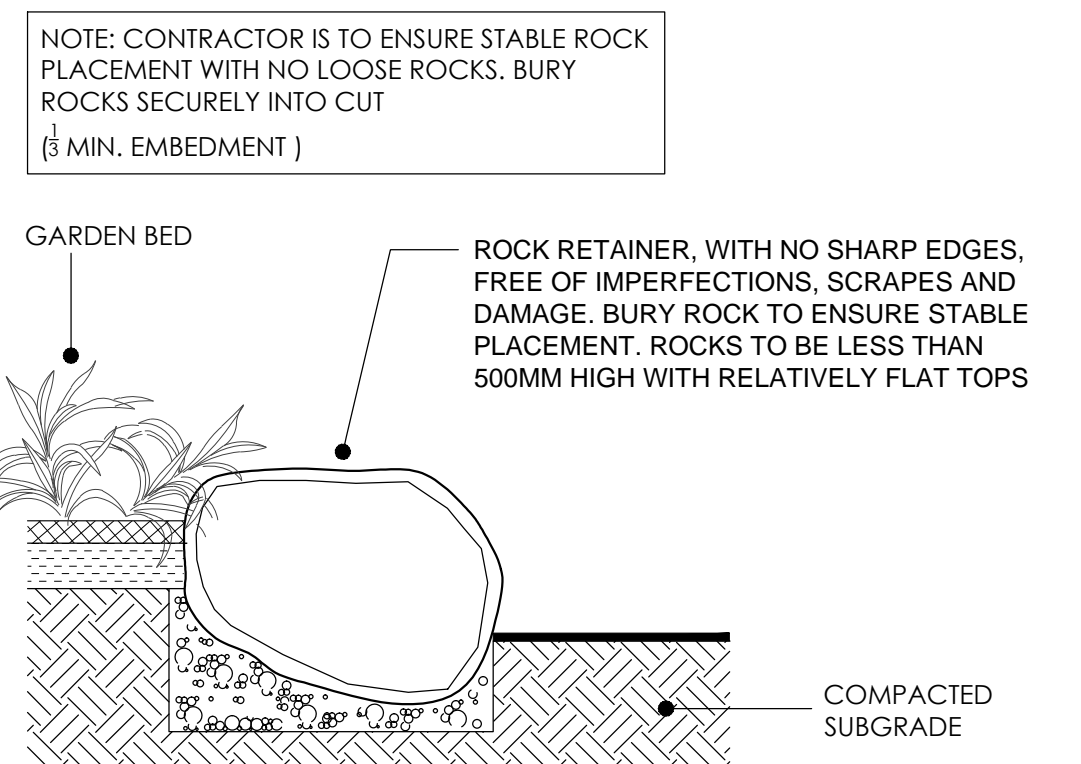
LANDSCAPE DETAIL: 7~ L6

CONCRETE SURFACE DETAIL (TYP)
SECTION
DETAIL 1:10



LANDSCAPE DETAIL: 4~ L6

METAL EDGING DETAIL (TYP)
SECTION
DETAIL 1:10



LANDSCAPE DETAIL: 8~ L6

ROCK DETAIL (TYP)
SECTION
DETAIL 1:20

PENINSULA LANDSCAPE ARCHITECTS

RESIDENTIAL & COMMERCIAL LANDSCAPE ARCHITECTURE

PUBLIC & PRIVATE OPEN SPACE MASTERPLANS
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ISSUE:	DATE:	REVISION:	APPROVED:
A	20/12/23	LA DESIGN PACKAGE	DL
B	13/02/24	LA DESIGN PACKAGE	DL



CONCEPT PLAN ONLY

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FLA PROJECT: CARPARK LANDSCAPE DESIGN SITE ADDRESS: SEVILLES CARPARK, BLAIRGOWRIE, VIC PAGE TITLE: LANDSCAPE DETAILS	PROJECT DATE: DEC 2023 CLIENT: WHITECLIFFS FORESHORE RESERVE FLA JOB REFERENCE: 22-2244	NORTH POINT: SCALE: 1: 100 @ A1 1: 200 @ A3 REVISION: B PAGE: L6
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