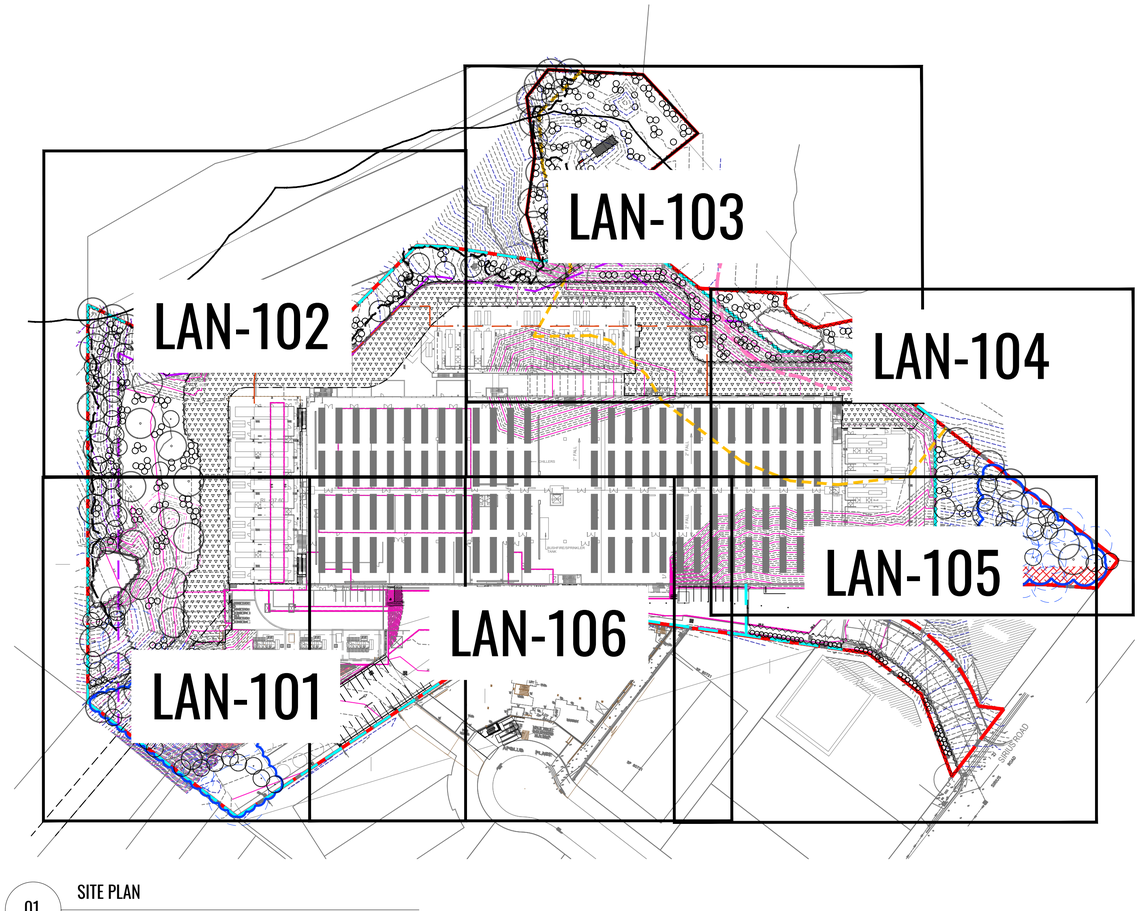
1 SIRIUS ROAD, LANE COVE WEST
FOR CONSTRUCTION PACKAGE



01 SITE PLAN

SCALE 1:1000

PRIMARY RESTORATION WORKS

1. RESTORATION STRATEGY FOR REVEGETATION PROTECTION IN ACCORDANCE WITH THE VMP:

REVEGETATION AREA: CONTAMINATED LANDS
Remediation works within the contaminated area are to be completed before the implementation of any landscape restoration works within that area. Revegetation within the contaminated lands, including the riparian buffer, is to follow remediation works involving capping with topsoil to a depth of 1m. Revegetation will involve plantings of small shrubs and groundcovers with a mature root system that is shallow and will not grow into the contaminated soil below.

MULCH IN AREAS OF REPLANTING:
To protect waterways, loose mulch should not be placed within 10m of the top of bank. Mulch under a covering of biodegradable erosion protection, such as pegged and overlapped open-weave jute mesh, is to be used for revegetation areas to a depth of 75-100mm.

OPEN WEAVE JUTE MESH:
Biodegradable erosion protection (e.g. pegged and overlapped open-weave jute over mulch within 10m of the top of bank – to stabilise bank and reduce soil moisture loss.

PLANT GUARDS:
Plant guards around plants – to minimise loss by grazing animals and dehydration and provide frost protection. Baiting of rabbits subject to discretion of appointed project ecologist (quarterly baiting over 3 years) – use of Pindone (1080) to minimise rabbit burrows and grazing

2. GENERAL MULCHING:
Areas surrounding the stems/trunks of plants are to be kept free from mulch, thereby reducing the incidence of collar rot on retained or planted flora. Any native vegetation requiring removal for adjoining developments shall be immediately mulched or chipped and stockpiled on site and can be used in restoration areas beyond 10m of the top of bank, as determined by the bushland regeneration contractor. Mulch from exotic species such as Asparagus Fern, Bitou Bush, Privet, Camphor Laurel, Coral Tree, Honey Locust, Lantana, Spider Plant, or other invasive environmental weeds are not to be used. The contractor shall ensure that any mulch used is properly composted before use and sufficient time has elapsed to allow nitrogen drawdown (up to 6 months).

DRAWING LIST

NUMBER	DRAWING TITLE	REV	SCALE
LAN-000	COVER SHEET	08	AS SHOWN @ A1
LAN-001	TOP SOIL CAPPING REQUIREMENTS	08	1:500 @ A1
LAN-100	PLANTING SCHEDULE & PLANTING AREAS	08	AS SHOWN @ A1
LAN-101	LANDSCAPE AREA 1	08	1:200 @ A1
LAN-102	LANDSCAPE AREA 2	08	1:200 @ A1
LAN-103	LANDSCAPE AREA 3	08	1:200 @ A1
LAN-104	LANDSCAPE AREA 4	08	1:200 @ A1
LAN-105	LANDSCAPE AREA 5	08	1:200 @ A1
LAN-106	LANDSCAPE AREA 6	08	1:200 @ A1
LAN-200	DEEP SOIL REQUIREMENTS	07	1:500 @ A1

NUMBER	DRAWING TITLE	REV	SCALE
LAN-201	TREE RETENTION PLAN & TREE DATA TABLE	07	AS SHOWN @ A1
LAN-301	SCHEMATIC IRRIGATION LAYOUT	06	AS SHOWN @ A1
LAN-401	IRRIGATION SPECIFICATION & DETAILS	06	AS SHOWN @ A1
LAN-601	LANDSCAPE DETAILS 1	08	AS SHOWN @ A1
LAN-602	LANDSCAPE DETAILS 2	08	AS SHOWN @ A1

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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NOTE:
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ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT: AirTrunk SYD2, 1 SIRIUS ROAD, LANE COVE WEST NSW 2066
STATUS: 75% SUBMISSION - SCHEME 3
CLIENT: AIRTRUNK / GREENBOX
JOB NO: 190130
SCALE: AS SHOWN @ A1
DATE: JUNE 2020
DRAWN: SW
CHECKED: BG
TITLE: COVER SHEET
PROJECT IDENTIFIER: ATSYD2-SITE-DRG-GEO
DRAWING NUMBER & REVISION: LAN-000.08

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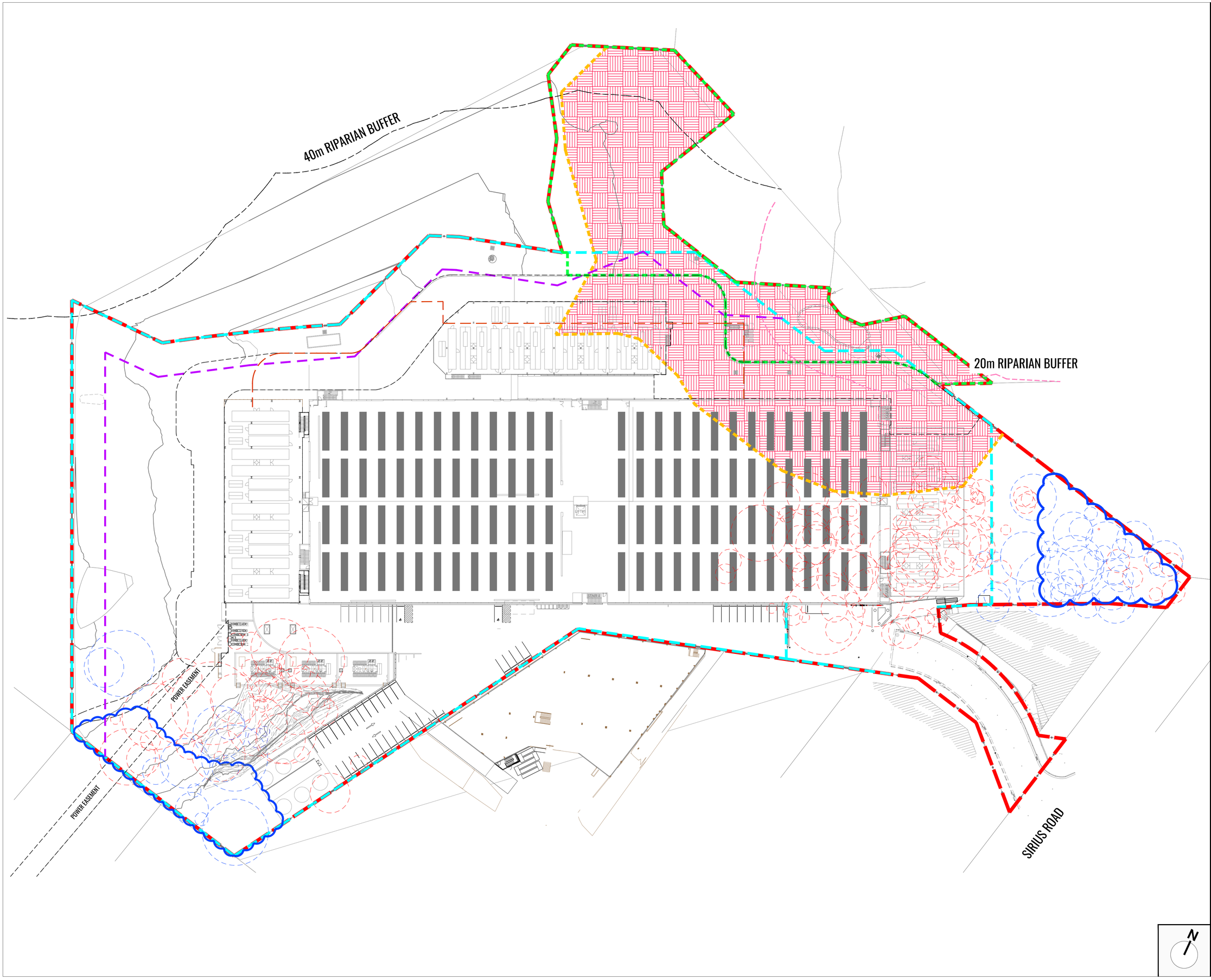

LEGEND

- SITE BOUNDARY
- EXISTING TREES TO BE REMOVED (REFER TO ARBORISTS REPORT)
- EXISTING TREES TO BE RETAINED (REFER TO ARBORISTS REPORT)
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA 10% OF THE TOTAL SITE AREA REQUIRED AS WORKER'S AMENITY.
- 10M BUFFER ZONE SETBACK.
- CONTAMINATED AREA TO BE CAPPED WITH SUITABLE TOPSOIL TO A DEPTH OF 1m IN ACCORDANCE WITH VMP AND REVEGETATED REFER TO VMP PREPARED BY TRAVERS BUSHFIRE AND ECOLOGY.
- FIRE TRAIL REFER TO ARCHITECTURAL DRAWINGS.
- OUTLINE OF OVERHEAD SLAB. REFER ARCHITECT'S DRAWINGS.
- 40m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- 20m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- 2.4m HIGH PALISADE SECURITY FENCE REFER TO ARCHITECT'S DRAWINGS
- EXISTING BUSH REGENERATION AREA. REFER TO VMP

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	**JOB NO**
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:500 @ A1	JUNE 2020	SW	BG

TITLE

TOP SOIL CAPPING REQUIREMENTS

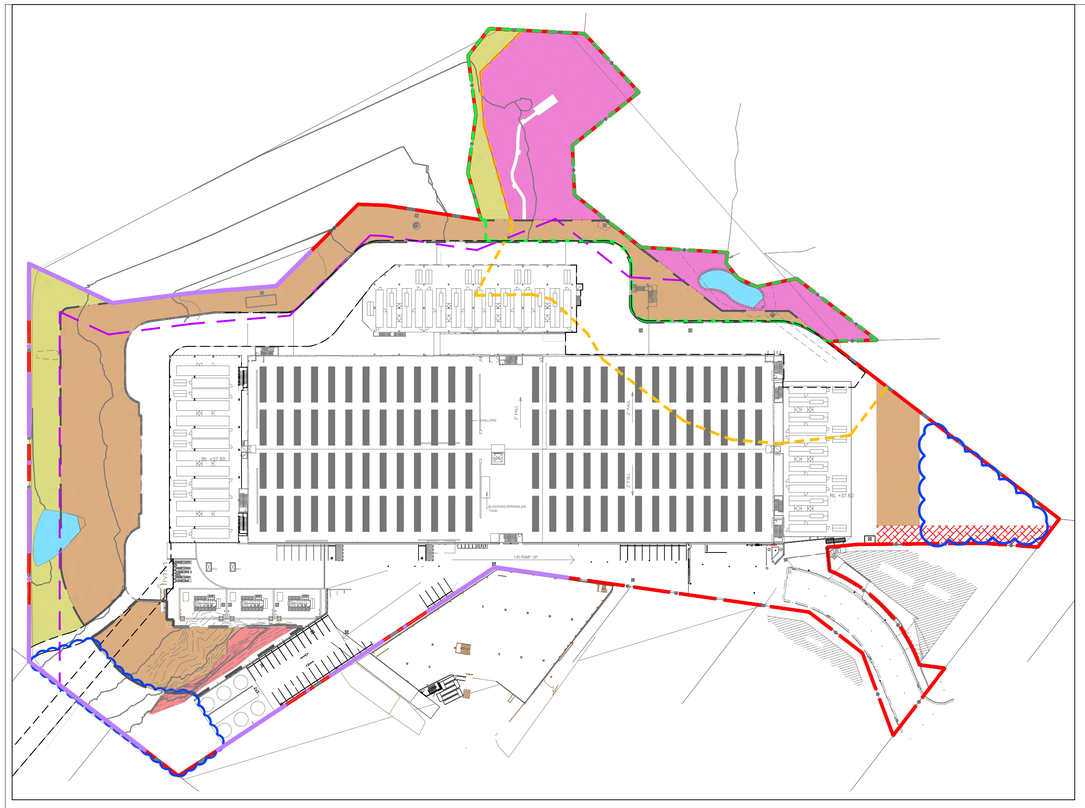
PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-001.08

190130 - AirTrunk Data Centre - CCDDocumentation\CC-Tender\75%AFC\Issue Scheme 3\CAD\Pre Sheets\190130_CC_Pre Sheet.dwg



02 PLANTING AREAS ACCORDING TO VMP

SCALE 1:1000

LEGEND

- APZ PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SWAMP OAK FLOODPLAIN FOREST-CONTAMINATED LAND PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SMOOTH BARKED APPLE-RED BLOODWOOD OPEN FOREST AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- MACROPHYTE PLANTING AS PER VMP REPORT BY TRAVERS ECOLOGY.
- EXTENT OF EXISTING ROCK FACE. REFER TO ENG'S DWG
- ESTIMATED EXTENT OF EXISTING ROCK FACE.
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA 10% OF THE TOTAL SITE AREA REQUIRED AS WORKER'S AMENITY.
- 10M BUFFER ZONE SETBACK.
- EXISTING BUSH REGENERATION AREA REFER TO VMP PREPARED BY TRAVERS ECOLOGY
- FIRE TRAIL REFER TO ARCHITECTURAL DRAWINGS.
- EXTENT OF ASSET PROTECTION ZONE (APZ BOUNDARY). REFER TO VMP PREPARED BY TRAVERS ECOLOGY

SWAMP OAK FLOODPLAIN FOREST

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	PLANTING DENSITY	QTY*
	Shrubs 1 per 3m2					
BRE obl	*Breynia oblongifolia*	*Coffee Bush*	6m	AS PER VMP	As Shown	180
BUR spi	*Bursaria spinosa subsp. spinosa*	*Native Blackthorn*	3m	AS PER VMP	As Shown	180
DOD tri	*Dodonaea triquetra*	*Common Hop Bush*	5m	AS PER VMP	As Shown	180
MEL thy	*Melaleuca thymifolia*	*Thyme Honey myrtle*	2m	AS PER VMP	As Shown	180
TRE tom	*Trema tomentosa*	*Native peach*	1.5m	AS PER VMP	As Shown	180
	Groundcovers 6 per 1m2					
ARI vag	*Aristida vagans*	*Threeawn speargrass*	0.80m	AS PER VMP	As per VMP	1013
AUS pub	*Austrostipa pubescens*	*Speargrass*	1.0m	AS PER VMP	As per VMP	1013
BLE ind	*Blechnum indicum*	*Swamp water fern*	1.0m	AS PER VMP	As per VMP	1013
CEN asi	*Centella asiatica*	*Asiatic pennywort*	0.2m	AS PER VMP	As per VMP	1013
COM cya	*Commelina cyanea*	*Scurvy weed*	1m	AS PER VMP	As per VMP	1013
DIA cae	*Dianella caerulea*	*Blue flax Lily*	0.5m	AS PER VMP	As per VMP	1013
ECH cae	*Echinopogon caespitosus*	*Hedgehog Grass*	0.8m	AS PER VMP	As per VMP	1013
ENT mar	*Entolasia marginata*	*Panic Grass*	0.6m	AS PER VMP	As per VMP	1013
FIC nod	*Ficinia nodosa*	*Knobby club rush*	0.8m	AS PER VMP	As per VMP	1013
GAH cla	*Gahnia clarkei*	*Tall Sawsedge*	0.8m	AS PER VMP	As per VMP	1013
IMP cyl	*Imperata cylindrica*	*Cogongrass*	0.6m	AS PER VMP	As per VMP	1013
JUN usi	*Juncus usitatus*	*Common Rush*	0.6m	AS PER VMP	As per VMP	1013
LOM lon	*Lomandra longifolia*	*Spiny head Mat rush*	0.8m	AS PER VMP	As per VMP	1013
MIC sti	*Microlaena stipoides*	*Weeping Grass*	0.8m	AS PER VMP	As per VMP	1013
OPL imb	*Oplismenus imbecillis*	*Basket grass*	0.3m	AS PER VMP	As per VMP	1013
THE tri	*Themeda triandra*	*Kangaroo Grass*	0.7m	AS PER VMP	As per VMP	1013

MACROPHYTE PLANTING

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	PLANTING DENSITY	QTY*
	Groundcovers 5 per 1m2					
BAL tet	*Baloskion tetraphyllum*	*Tassel Cord Rush*	1.5m	As per VMP	As per VMP	177
CAR app	*Carex appresssa*	*Tall Sedge*	1.2m	As per VMP	As per VMP	177
DIA cae	*Dianella caerulea*	*Blue flax Lily*	0.5m	As per VMP	As per VMP	177
FIC nod	*Ficinia nodosa*	*Knobby club rush*	0.8m	As per VMP	As per VMP	177
GAH sie	*Gahnia sieberiana*	*Red-fruit Saw-sedge*	1.5m	As per VMP	As per VMP	177
JUN kra	*Juncus krausii*	*Sea Rush*	1m	As per VMP	As per VMP	177
JUN usi	*Juncus usitatus*	*Common Rush*	0.6m	As per VMP	As per VMP	177
LOM flu	*Lomandra fluviatilis*	*Mat Rush*	0.6m	As per VMP	As per VMP	177
PHI lan	*Philydrum lanuginosum*	*Wooly Frogs Mouth*	0.7m	As per VMP	As per VMP	177

PROPOSED GENERAL LANDSCAPE AND APZ PLANTING

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	PLANTING DENSITY	QTY*
	Canopy trees					
ANG COS	*Angophora costata*	*Sydney Red Gum*	20m	AS PER VMP	As Shown	17
COR GUM	*Corymbia gummifera*	*Red Bloodwood*	30m	AS PER VMP	As Shown	15
EUC RES	*Eucalyptus resinifera*	*Red Mahogany*	25m	AS PER VMP	As Shown	11
SYN GLO	*Syncarpia glomulifera*	*Turpentine tree*	25m	AS PER VMP	As Shown	13
	Sub-canopy trees					
ACA PAR	*Acacia parramattensis*	*Parramatta Wattle*	12m	AS PER VMP	As Shown	2
ALL LIT	*Allocasuarina littoralis*	*Black Sheoak*	10m	AS PER VMP	As Shown	7
ELA RET	*Elaeocarpus reticulatus*	*Blueberry Ash*	8m	AS PER VMP	As Shown	44
MEL LIN	*Melaleuca linariifolia*	*Snow in Summer*	8m	AS PER VMP	As Shown	24
	Shrubs 1 per 25m2					
ACA flo	*Acacia floribunda*	*Sally Wattle*	6m	AS PER VMP	As Shown	50
BRE obl	*Breynia oblongifolia*	*Coffee Bush*	6m	AS PER VMP	As Shown	31
BUR spi	*Bursaria spinosa subsp. spinosa*	*Blackthorn*	6m	AS PER VMP	As Shown	50
DOD tri	*Dodonaea triquetra*	*Common Hop Bush*	2m	AS PER VMP	As Shown	38
KUN amb	*Kunzea ambigua*	*Tick Bush*	2m	AS PER VMP	As Shown	44
MEL thy	*Melaleuca thymifolia*	*Thyme Honey myrtle*	2m	AS PER VMP	As Shown	21
TRE tom	*Trema tomentosa*	*Native peach*	2m	AS PER VMP	As Shown	43
	Groundcovers 3 per 1m2					
CEN asi	*Centella asiatica*	*Asiatic pennywort*	0.2m	AS PER VMP	As per VMP	1412
COM cya	*Commelina cyanea*	*Scurvy weed*	1m	AS PER VMP	As per VMP	1412
DIA cae	*Dianella caerulea*	*Blue flax Lily*	0.5m	AS PER VMP	As per VMP	403
DIP var	*Dipodium variegatum*	*Blotched hyacinth orchid*	1m	AS PER VMP	As per VMP	1412
ECH cae	*Echinopogon caespitosus*	*Hedgehog Grass*	0.75m	AS PER VMP	As per VMP	1412
ENT mar	*Entolasia marginata*	*Panic Grass*	0.3m	AS PER VMP	As per VMP	1412
ENT str	*Entolasia stricta*	*Right angled grass*	0.8m	AS PER VMP	As per VMP	1412
IMP cyl	*Imperata cylindrica*	*Cogongrass*	0.6m	AS PER VMP	As per VMP	1412
JUN usi	*Juncus usitatus*	*Common Rush*	0.6m	AS PER VMP	As per VMP	1658
LOM lon	*Lomandra longifolia*	*Spiny Head mat rush*	0.8m	AS PER VMP	As per VMP	403
MIC sti	*Microlaena stipoides*	*Weeping Grass*	0.8m	AS PER VMP	As per VMP	1412
OPL aem	*Oplismenus aemulus*	*Basket grass*	0.3m	AS PER VMP	As per VMP	1412
OPL imb	*Oplismenus imbecillis*	*Basket grass*	0.3m	AS PER VMP	As per VMP	1412
THE tri	*Themeda triandra*	*Kangaroo Grass*	0.7m	AS PER VMP	As per VMP	1569

SMOOTH-BARKED APPLE - RED BLOODWOOD OPEN FOREST

CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	SIZE	PLANTING DENSITY	QTY*
	Shrubs 1 per 5m2					
ACA lin	*Acacia linifolia*	*White Wattle*	5m	AS PER VMP	As Shown	24
ACA lon	*Acacia longifolia*	*Sydney golden wattle*	8m	AS PER VMP	As Shown	24
BRE obo	*Breynia oblongifolia*	*Coffee Bush*	6m	AS PER VMP	As Shown	24
DOD tri	*Dodonaea triquetra*	*Common Hop Bush*	2m	AS PER VMP	As Shown	24
GRE bux	*Grevillea buxifolia*	*Grey spider flower*	2m	AS PER VMP	As Shown	24
GRE ser	*Grevillea sericea*	*Silky Grevillea*	2m	AS PER VMP	As Shown	24
KUN amb	*Kunzea ambigua*	*Tick Bush*	3m	AS PER VMP	As Shown	24
LEP tri	*Leptospermum trinervium*	*Paperbark Teatree*	2m	AS PER VMP	As Shown	24
LEP pol	*Leptospermum polygalifolium*	*Tantoon*	3m	AS PER VMP	As Shown	24
OZO dio	*Ozothamnus diosmifolius*	*Rice flower*	2m	AS PER VMP	As Shown	24
PER pin	*Persoonia pinifolia*	*Pine leaved Geebung*	3m	AS PER VMP	As Shown	24
PER lin	*Persoonia linearis*	*Narrow leaved Geebung*	5m	AS PER VMP	As Shown	24
WOO pun	*Woollsia pungens*	*Snow Wreath*	2m	AS PER VMP	As Shown	24
ZIE pil	*Zieria pilosa*	*Hairy Zieria*	1.5m	AS PER VMP	As Shown	24
	Groundcovers 4 per 1m2					
ARI vag	*Aristida vagans*	*Threeawn speargrass*	0.80m	AS PER VMP	As per VMP	525
AUS pub	*Austrostipa pubescens*	*Speargrass*	1.0m	AS PER VMP	As per VMP	525
BLE car	*Blechnum cartilagineum*	*Gristle fern*	1.0m	AS PER VMP	As per VMP	525
CEN asi	*Centella asiatica*	*Asiatic pennywort*	0.2m	AS PER VMP	As per VMP	525
DIA cae	*Dianella caerulea*	*Blue flax Lily*	0.5m	AS PER VMP	As per VMP	525
DIP var	*Dipodium variegatum*	*Blotched hyacinth orchid*	1.0m	AS PER VMP	As per VMP	525
ENT str	*Entolasia stricta*	*Right angled grass*	0.8m	AS PER VMP	As per VMP	525
IMP cyl	*Imperata cylindrica*	*Cogongrass*	0.6m	AS PER VMP	As per VMP	525
LOM lon	*Lomandra longifolia*	*Spiny head Mat rush*	0.8m	AS PER VMP	As per VMP	525
MIC sti	*Microlaena stipoides*	*Weeping Grass*	0.8m	AS PER VMP	As per VMP	525
OPL aem	*Oplismenus aemulus*	*Basket grass*	0.3m	AS PER VMP	As per VMP	525
OPL imb	*Oplismenus imbecillis*	*Basket grass*	0.3m	AS PER VMP	As per VMP	525
THE tri	*Themeda triandra*	*Kangaroo Grass*	0.7m	AS PER VMP	As per VMP	525

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781
RLA NO # 5868

PROJECT: **AirTrunk SYD2**
1 SIRIUS ROAD, LANE COVE WEST NSW 2066

STATUS: 75% SUBMISSION - SCHEME 3

CLIENT: AIRTRUNK / GREENBOX

JOB NO: **190130**

SCALE	DATE	DRAWN	CHECKED
AS SHOWN @ A1	JUNE 2020	SW	BG

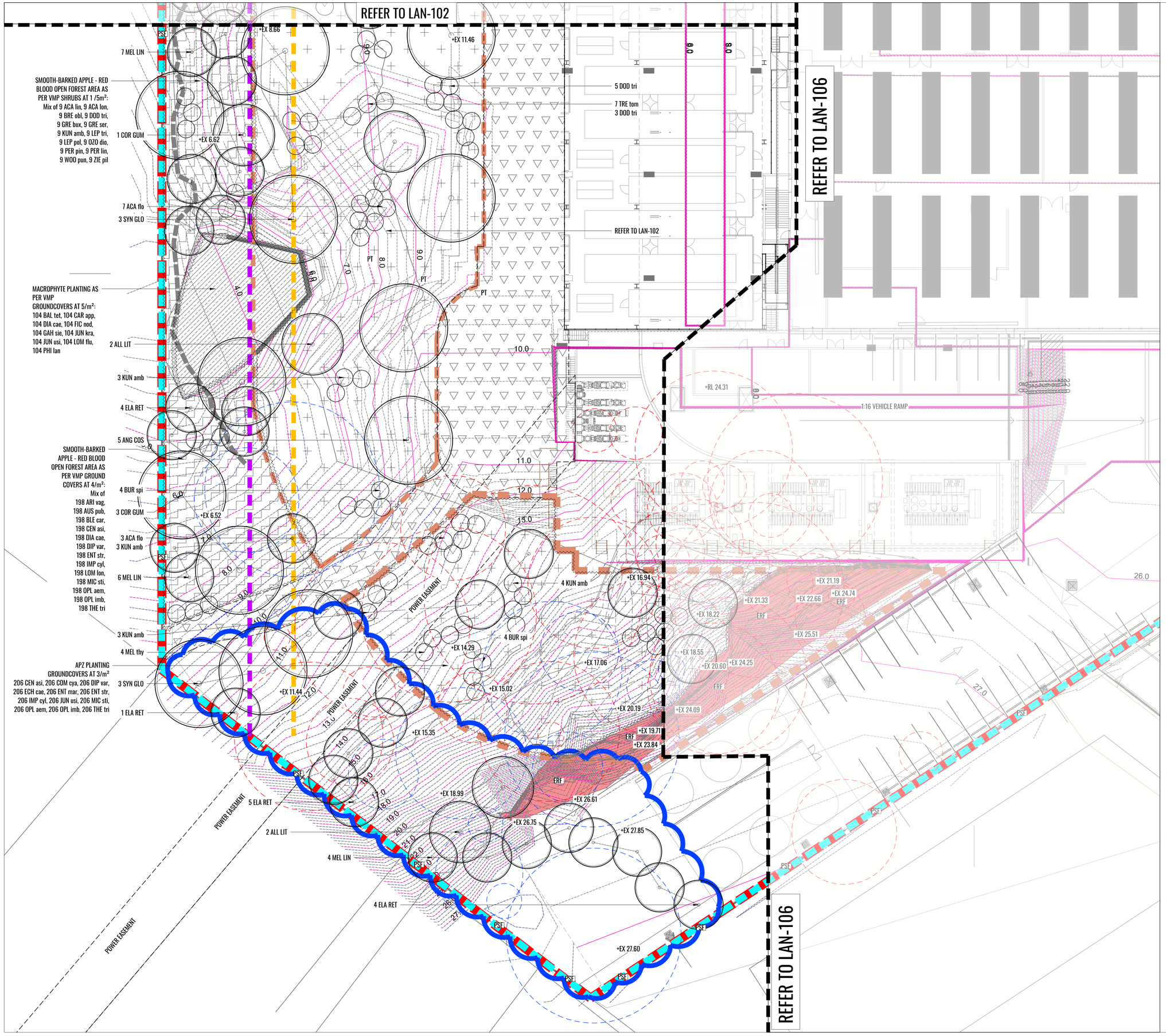
TITLE

PLANTING SCHEDULE & PLANTING AREAS

PROJECT IDENTIFIER: ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION: LAN-100.08

J:\190130 - AirTrunk Data Centre - CC\Documentation\CC-Tender\75%APC Issue Scheme 3\CAD\Print Sheets\190130_CC_Print Sheet.dwg



EXTENT OF ASSET PROTECTION ZONE (APZ BOUNDARY). REFER TO VMP PREPARED BY TRAVERS ECOLOGY

+EX 5.63 EXISTING LEVEL. REFER TO CIVIL ENG'S DRAWINGS

+RL 6.50 PROPOSED LEVEL

7.5 PROPOSED CONTOURS. REFER TO CIVIL DRAWINGS.

DRAINAGE PIPE REFER TO ENG DWG.

LEGEND

- SITE BOUNDARY
- EXISTING TREE CANOPY FROM ADJOINING BOUNDARY
- EXISTING BUSH REGENERATION AREA. REFER TO VMP
- 10M APZ BUFFER LINE FROM BUSH LAND.
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA (10% OF SITE AREA).
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- PROPOSED TREE PLANTING OF NATIVE ENDEMIC SPECIES. (MAXIMUM 15% OF THE SITE AREA) AS PER BUSHFIRE REPORT. REFER TO PLANTING SCHEDULE AT LAN-100.
- PROPOSED MIX OF INDIGENOUS SHRUB PLANTING (MAXIMUM 10% OF THE SITE AREA). AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100.
- NATIVE GRASS/GROUNDCOVER MIX (TO BE MANAGED TO 100mm HIGH) AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100
- APZ PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SMOOTH BARKED APPLE-RED BLOODWOOD OPEN FOREST AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SWAMP OAK FLOODPLAIN FOREST-CONTAMINATED LAND PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- MACROPHYTE PLANTING AS PER VMP BY TRAVERS ECOLOGY.
- FIRE TRAIL REFER TO ARCHITECTURAL DRAWINGS.
- ERF EXTENT OF EXISTING ROCK FACE. REFER TO ENG'S DWG
- SB SANDSTONE LOG BENCH REFER TO DETAIL 03 / LAN-602
- DP DECOMPOSED GRANITE PATH REFER TO DETAIL 01 & 02 / LAN-602
- PS PICNIC SEATING BENCH
- PSF 2.4m HIGH PALISADE SECURITY FENCE REFER TO ARCHITECT'S DRAWINGS
- SRW 1.5M HIGH SANDSTONE RETAINING WALL. REFER TO CIVIL DWG.
- MSB MAGNUM STONE BLOCKS RETAINING WALL. REFER TO CIVIL DWG.
- S1 SAWN SANDSTONE STEPS.
- SW STORMWATER PITS REFER TO HYDRAULIC ENGINEER'S DETAIL
- EXISTING CHAIN LINK FENCE RETAINED TO NORTHERN TIP.
- OUTLINE OF SUSPENDED SLAB. REFER ARCHITECT'S DRAWINGS.
- 40m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- 20m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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www.geoscapes.com.au

ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:200 @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE AREA 1

PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-101.08

D:\190130 - AirTrunk Data Centre - CC\Documents\ACC\Tender\75%.ARC Issue Scheme 3\CAD\Plot Sheets\190130_CC_Plot Sheet.dwg

+EX 5.63 EXISTING LEVEL. REFER TO CIVIL ENG'S DRAWINGS

+RL 6.50 PROPOSED LEVEL

7.5 PROPOSED CONTOURS. REFER TO CIVIL DRAWINGS.

DRAINAGE PIPE REFER TO ENG DWG.

CRB CRIB RETAINING WALL REFER TO CIVIL DWG

40m RIPARIAN BUFFER

7 ANG COS

3 ALL LIT

SMOOTH-BARKED APPLE - RED BLOOD OPEN FOREST AREA AS PER VMP SHRUBS AT 1 /5m²: Mix of 9 ACA lin, 9 ACA lon, 9 BRE obl, 9 DOD tri, 9 GRE bux, 9 GRE ser, 9 KUN amb, 9 LEP tri, 9 LEP pol, 9 OZO dio, 9 PER pin, 9 PER lin, 9 WOO pun, 9 ZIE pil

3 TRE tom

7 BUR spi

SMOOTH-BARKED APPLE - RED BLOOD OPEN FOREST AREA AS PER VMP GROUND COVERS AT 4/m²: Mix of 198 ARI vag, 198 AUS pub, 198 BLE car, 198 CEN asi, 198 DIA cae, 198 DIP var, 198 ENT str, 198 IMP cyl, 198 LOM lon, 198 MIC sti, 198 OPL aem, 198 OPL imb, 198 THE tri

4 KUN amb

3 COR GUM

1 SYN GLO

3 DOD tri

5 ELA RET

5 ACA flo

3 ACA flo

8 ELA RET

2 EUC RES

2 BUR spi

3 DOD tri

3 COR GUM

3 BRE obl

APZ PLANTING GROUNDCOVERS AT 3/m² 860 CEN asi, 860 COM cya, 860 DIP var, 860 ECH cae, 860 ENT mar, 860 ENT str, 860 IMP cyl, 860 JUN usi, 860 MIC sti, 860 OPL aem, 860 OPL imb, 860 THE tri

4 DOD tri
3 KUN amb

1 MEL LIN

2 DOD tri
3 KUN amb

3 BRE obl
3 ACA flo
2 TRE tom

3 MEL LIN

8 ACA flo

+RL 9.90

1 IN 10 RAMP

+RL 8.40

3 MEL thy

REFER TO LAN-101

5 BRE obl

+RL 37.60

4 BUR spi

ST-3

ROOF PLAN

RL +37.60

REFER TO LAN-101

REFER TO LAN-103

LEGEND

- SITE BOUNDARY
- EXISTING TREE CANOPY FROM ADJOINING BOUNDARY
- EXISTING BUSH REGENERATION AREA. REFER TO VMP
- 10M APZ BUFFER LINE FROM BUSH LAND.
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA (10% OF SITE AREA).
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- PROPOSED TREE PLANTING OF NATIVE ENDEMIC SPECIES. (MAXIMUM 15% OF THE SITE AREA) AS PER BUSHFIRE REPORT. REFER TO PLANTING SCHEDULE AT LAN-100.
- PROPOSED MIX OF INDIGENOUS SHRUB PLANTING (MAXIMUM 10% OF THE SITE AREA). AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100.
- NATIVE GRASS/GROUNDCOVER MIX (TO BE MANAGED TO 100mm HIGH) AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100
- APZ PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SMOOTH BARKED APPLE-RED BLOODWOOD OPEN FOREST AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SWAMP OAK FLOODPLAIN FOREST-CONTAMINATED LAND PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- MACROPHYTE PLANTING AS PER VMP BY TRAVERS ECOLOGY.
- FIRE TRAIL REFER TO ARCHITECTURAL DRAWINGS.
- SB SANDSTONE LOG BENCH REFER TO DETAIL 03 / LAN-602
- DP DECOMPOSED GRANITE PATH REFER TO DETAIL 01 & 02 / LAN-602
- PS PICNIC SEATING BENCH
- PSF 2.4m HIGH PALISADE SECURITY FENCE REFER TO ARCHITECT'S DRAWINGS
- SRW 1.5M HIGH SANDSTONE RETAINING WALL. REFER TO CIVIL DWG.
- MSB MAGNUM STONE BLOCKS RETAINING WALL. REFER TO CIVIL DWG.
- S1 SAWN SANDSTONE STEPS.
- PIT STORMWATER PITS REFER TO HYDRAULIC ENGINEER'S DETAIL
- EXISTING CHAIN LINK FENCE RETAINED TO NORTHERN TIP.
- OUTLINE OF SUSPENDED SLAB. REFER ARCHITECT'S DRAWINGS.
- 40m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- 20m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- EXTENT OF ASSET PROTECTION ZONE (APZ BOUNDARY). REFER TO VMP PREPARED BY TRAVERS ECOLOGY

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:200 @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE AREA 2

PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-102.08

N

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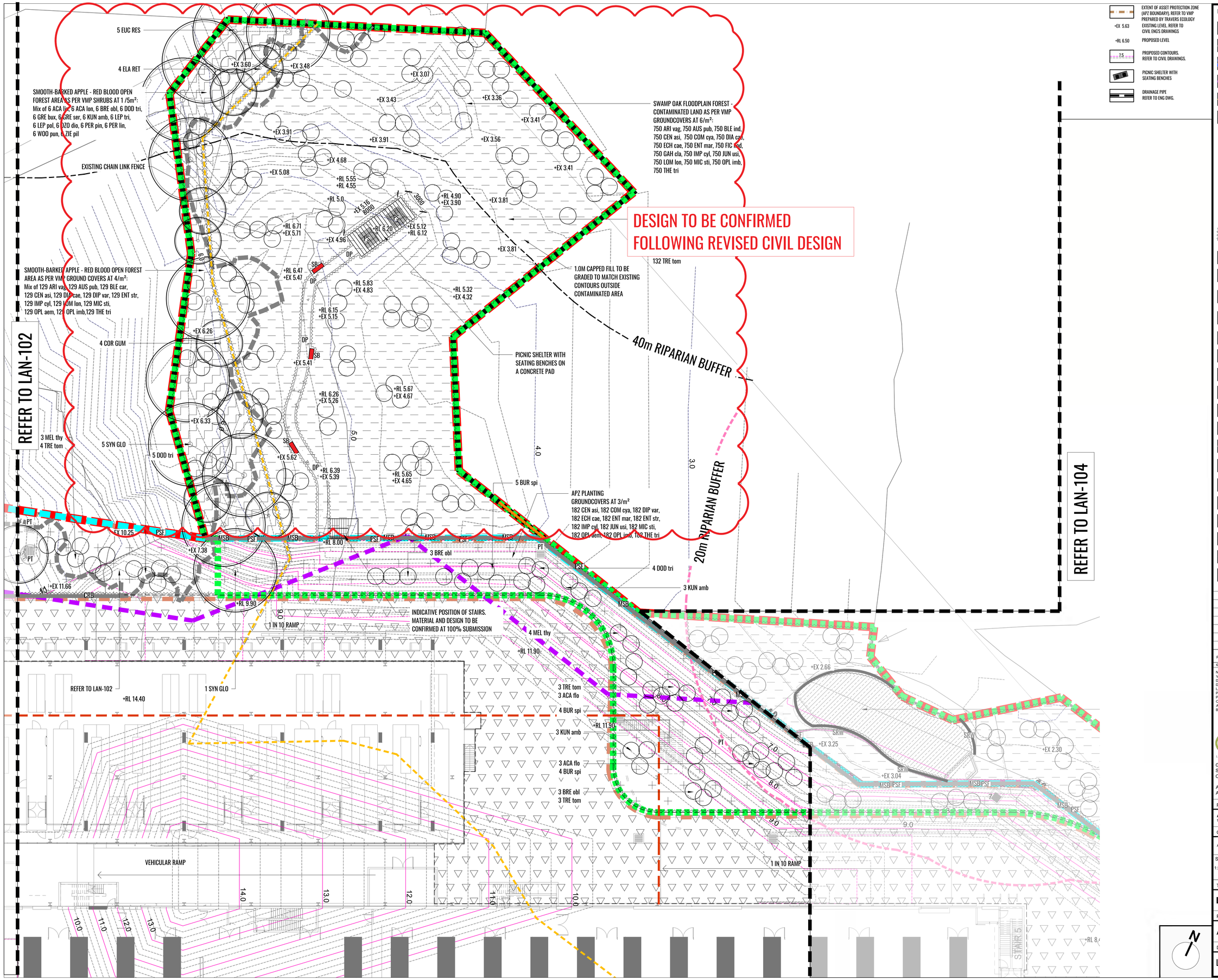

EXTENT OF ASSET PROTECTION ZONE (APZ BOUNDARY). REFER TO VMP PREPARED BY TRAVERS ECOLOGY

+EX 5.63 EXISTING LEVEL. REFER TO CIVIL ENG'S DRAWINGS

+RL 6.50 PROPOSED LEVEL

PROPOSED CONTOURS. REFER TO CIVIL DRAWINGS.

PICNIC SHELTER WITH SEATING BENCHES

DRAINAGE PIPE REFER TO ENG DWG.

LEGEND

- SITE BOUNDARY
- EXISTING TREE CANOPY FROM ADJOINING BOUNDARY
- EXISTING BUSH REGENERATION AREA. REFER TO VMP
- 10M APZ BUFFER LINE FROM BUSH LAND.
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA (10% OF SITE AREA).
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- PROPOSED TREE PLANTING OF NATIVE ENDEMIC SPECIES. (MAXIMUM 15% OF THE SITE AREA) AS PER BUSHFIRE REPORT. REFER TO PLANTING SCHEDULE AT LAN-100.
- PROPOSED MIX OF INDIGENOUS SHRUB PLANTING (MAXIMUM 10% OF THE SITE AREA). AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100.
- NATIVE GRASS/GROUNDCOVER MIX (TO BE MANAGED TO 100mm HIGH) AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100
- APZ PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SMOOTH BARKED APPLE-RED BLOODWOOD OPEN FOREST AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SWAMP OAK FLOODPLAIN FOREST-CONTAMINATED LAND PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- MACROPHYTE PLANTING AS PER VMP BY TRAVERS ECOLOGY.
- FIRE TRAIL REFER TO ARCHITECTURAL DRAWINGS.
- SB — SANDSTONE LOG BENCH REFER TO DETAIL 03 / LAN-602
- DP — DECOMPOSED GRANITE PATH REFER TO DETAIL 01 & 02 / LAN-602
- PS — PICNIC SEATING BENCH
- PSF — 2.4m HIGH PALISADE SECURITY FENCE REFER TO ARCHITECT'S DRAWINGS
- SRW — 1.5M HIGH SANDSTONE RETAINING WALL. REFER TO CIVIL DWG.
- MSB — MAGNUM STONE BLOCKS RETAINING WALL. REFER TO CIVIL DWG.
- S1,S2 — SAWN SANDSTONE STEPS. DETAIL YET TO BE FINALISED
- SBW — SANDSTONE LOG RETAINING WALL. DETAIL YET TO BE FINALISED.
- PIT — STORMWATER PITS REFER TO HYDRAULIC ENGINEER'S DETAIL
- EXISTING CHAIN LINK FENCE RETAINED TO NORTHERN TIP.
- OUTLINE OF SUSPENDED SLAB. REFER ARCHITECT'S DRAWINGS.
- 40m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- 20m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% [REVISED] SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:200 @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE AREA 3

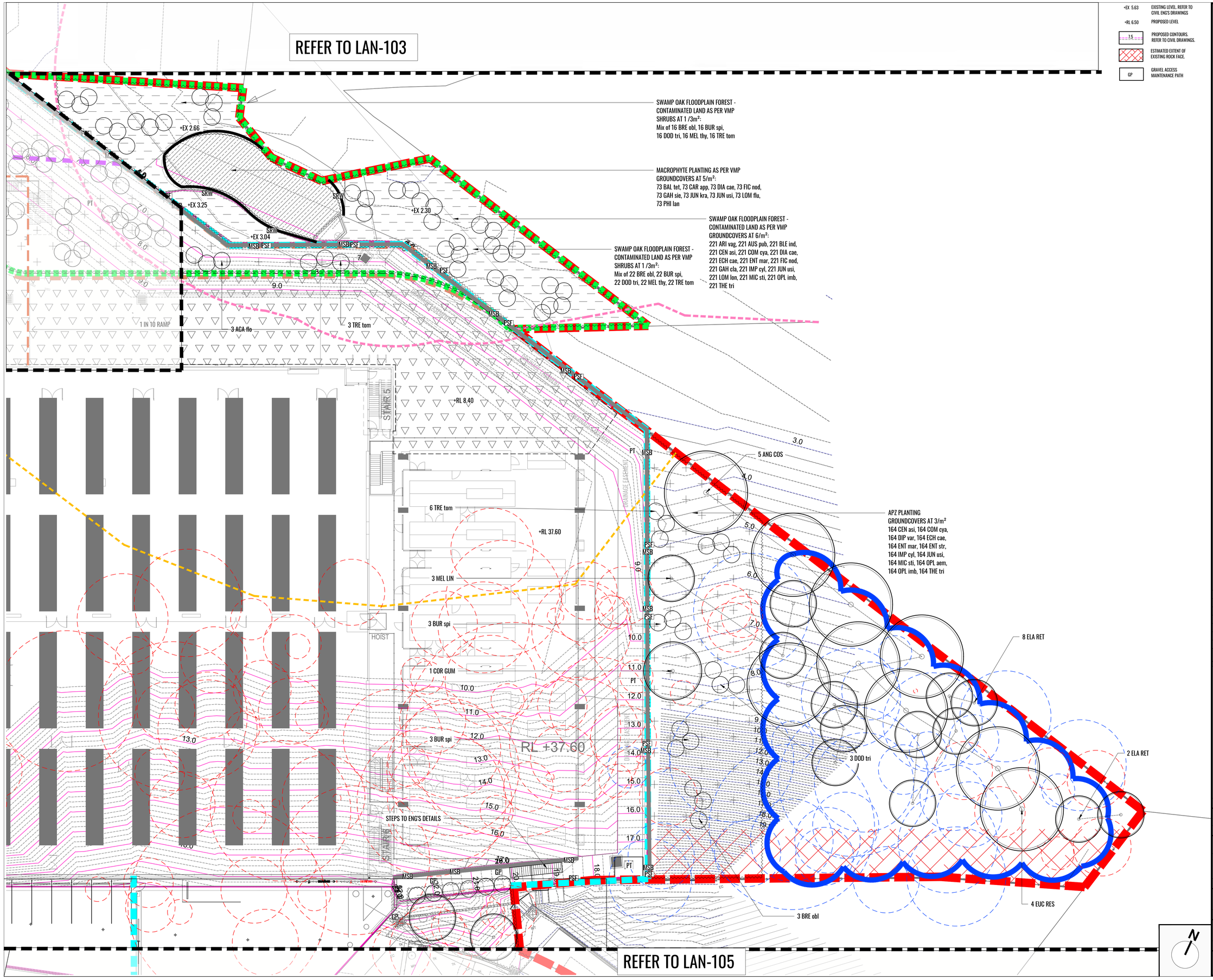
PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-103.08

J:\190130 - AirTrunk Data Centre - CD\Documentation\CC Tender (75% AFC) Issue Scheme 3\CAD\Print Sheets\190130_CC_Print Sheet.dwg



+EX 5.63	EXISTING LEVEL. REFER TO CIVIL ENG'S DRAWINGS
+RL 6.50	PROPOSED LEVEL
7.5	PROPOSED CONTOURS. REFER TO CIVIL DRAWINGS.
	ESTIMATED EXTENT OF EXISTING ROCK FACE.
GP	GRAVEL ACCESS MAINTENANCE PATH

LEGEND

- SITE BOUNDARY
- EXISTING TREE CANOPY FROM ADJOINING BOUNDARY
- EXISTING BUSH REGENERATION AREA. REFER TO VMP
- 10M APZ BUFFER LINE FROM BUSH LAND.
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA (10% OF SITE AREA).
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- PROPOSED TREE PLANTING OF NATIVE ENDEMIC SPECIES. (MAXIMUM 15% OF THE SITE AREA) AS PER BUSHFIRE REPORT. REFER TO PLANTING SCHEDULE AT LAN-100.
- PROPOSED MIX OF INDIGENOUS SHRUB PLANTING (MAXIMUM 10% OF THE SITE AREA). AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100.
- NATIVE GRASS/GROUNDCOVER MIX (TO BE MANAGED TO 100mm HIGH) AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100
- APZ PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SMOOTH BARKED APPLE-RED BLOODWOOD OPEN FOREST AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SWAMP OAK FLOODPLAIN FOREST-CONTAMINATED LAND PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- MACROPHYTE PLANTING AS PER VMP BY TRAVERS ECOLOGY.
- FIRE TRAIL REFER TO ARCHITECTURAL DRAWINGS.
- SB — SANDSTONE LOG BENCH REFER TO DETAIL 03 / LAN-602
- DP — DECOMPOSED GRANITE PATH REFER TO DETAIL 01 & 02 / LAN-602
- PS — PICNIC SEATING BENCH
- PSF — 2.4m HIGH PALISADE SECURITY FENCE REFER TO ARCHITECT'S DRAWINGS
- SRW — 1.5M HIGH SANDSTONE RETAINING WALL. REFER TO CIVIL DWG.
- MSB — MAGNUM STONE BLOCKS RETAINING WALL. REFER TO CIVIL DWG.
- S1 — SAWN SANDSTONE STEPS.
- PT — STORMWATER PITS REFER TO HYDRAULIC ENGINEER'S DETAIL
- EXISTING CHAIN LINK FENCE RETAINED TO NORTHERN TIP.
- OUTLINE OF SUSPENDED SLAB. REFER ARCHITECT'S DRAWINGS.
- 40m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- 20m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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www.geoscapes.com.au
RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:200 @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE AREA 4

PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-104.08

G:\190130 - AirTrunk Data Centre - CC\Documentation\CC-Tender\75%AFC\Issue Scheme 3\CAD\Pre Sheets\190130_CC_Prel SP.dwg

REFER TO LAN-104

RL. 27.00

RL +37.60

+RL 37.60

2° FALL

2° FALL

HOIST

STAIRS

6 KUN amb
157 LOM lon,
157 DIA cae,
157 THE tri
2 ACA PAR

4 BUR spi
4 BRE obl
4 MEL thy

94 LOM lon,
94 DIA cae,
94 JUN usi,

3 ACA flo
4 BRE obl

5 ACA flo
3 KUN amb

152 LOM lon,
152 DIA cae,
152 JUN usi,

3 DOD tri
3 TRE tom
3 KUN amb

MIX OF
4 ACA flo
3 BUR spi
3 KUN amb
3 BRE obl

EXISTING VEGETATION RETAINED

EXISTING VEGETATION RETAINED

SIRIUS ROAD

N

+EX 5.63	EXISTING LEVEL. REFER TO CIVIL ENG'S DRAWINGS
+RL 6.50	PROPOSED LEVEL
1.5	PROPOSED CONTOURS. REFER TO CIVIL DRAWINGS.
	PICNIC SHELTER WITH SEATING BENCHES
	DRAINAGE PIPE REFER TO ENG DWG.
	VEGETATION AREA TO BE RETAINED.
RW	EXISTING RETANING WALL
	ESTIMATED EXTENT OF EXISTING ROCK FACE.
GP	GRAVEL ACCESS MAINTENANCE PATH

LEGEND

- SITE BOUNDARY
- EXISTING TREE CANOPY FROM ADJOINING BOUNDARY
- EXISTING BUSH REGENERATION AREA. REFER TO VMP
- 10M APZ BUFFER LINE FROM BUSH LAND.
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA (10% OF SITE AREA).
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
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- PROPOSED MIX OF INDIGENOUS SHRUB PLANTING (MAXIMUM 10% OF THE SITE AREA). AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100.
- NATIVE GRASS/GROUNDCOVER MIX (TO BE MANAGED TO 100mm HIGH) AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100
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- SB — SANDSTONE LOG BENCH REFER TO DETAIL 03 / LAN-602
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- 20m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- EXTENT OF ASSET PROTECTION ZONE (APZ BOUNDARY). REFER TO VMP PREPARED BY TRAVERS ECOLOGY

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:200 @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE AREA 5

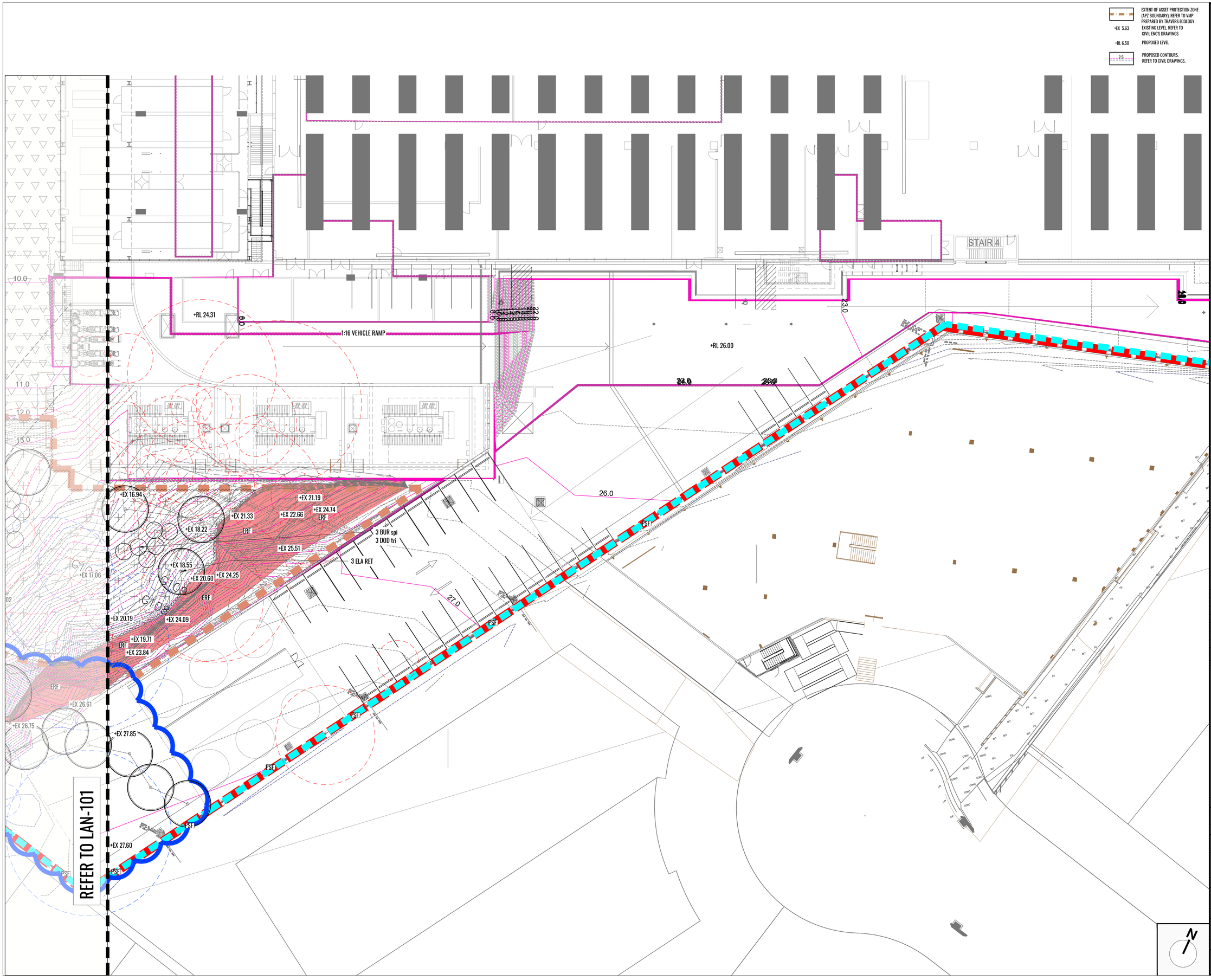
PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-105.08

J:\190130 - AirTrunk Data Centre - DC\Documentation\CC-Tender\75% AFC Issue Scheme 3\CAD\Print Sheets\190130_CC_Print Sheet.dwg



EXTENT OF ASSET PROTECTION ZONE (APZ BOUNDARY). REFER TO VMP PREPARED BY TRAVERS ECOLOGY

+EX 5.63 EXISTING LEVEL. REFER TO CIVIL ENG'S DRAWINGS

+RL 6.50 PROPOSED LEVEL

7.5 PROPOSED CONTOURS. REFER TO CIVIL DRAWINGS.

LEGEND

- SITE BOUNDARY
- EXISTING TREE CANOPY FROM ADJOINING BOUNDARY
- EXISTING BUSH REGENERATION AREA. REFER TO VMP
- 10M APZ BUFFER LINE FROM BUSH LAND.
- AREA OF CONTAMINATED LANDS
- PROPOSED WORKER'S AMENITY AREA (10% OF SITE AREA).
- G036 EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- G037 EXISTING TREES TO BE REMOVED (REFER TO TAR PREPARED BY TRAVERS ECOLOGY)
- PROPOSED TREE PLANTING OF NATIVE ENDEMIC SPECIES. (MAXIMUM 15% OF THE SITE AREA) AS PER BUSHFIRE REPORT. REFER TO PLANTING SCHEDULE AT LAN-100.
- PROPOSED MIX OF INDIGENOUS SHRUB PLANTING (MAXIMUM 10% OF THE SITE AREA). AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100.
- NATIVE GRASS/GROUNDCOVER MIX (TO BE MANAGED TO 100mm HIGH) AS PER BUSHFIRE REPORT. REFER PLANTING SCHEDULE AT LAN-100
- APZ PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SMOOTH BARKED APPLE-RED BLOODWOOD OPEN FOREST AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- SWAMP OAK FLOODPLAIN FOREST-CONTAMINATED LAND PLANTING AS PER BUSHFIRE REPORT BY TRAVERS ECOLOGY.
- MACROPHYTE PLANTING AS PER VMP BY TRAVERS ECOLOGY.
- FIRE TRAIL REFER TO ARCHITECTURAL DRAWINGS.
- ERF EXTENT OF EXISTING ROCK FACE. REFER TO ENG'S DWG
- SB SANDSTONE LOG BENCH REFER TO DETAIL 03 / LAN-602
- DP DECOMPOSED GRANITE PATH REFER TO DETAIL 01 & 02 / LAN-602
- PS PICNIC SEATING BENCH
- PSF 2.4m HIGH PALISADE SECURITY FENCE REFER TO ARCHITECT'S DRAWINGS
- SRW 1.5M HIGH SANDSTONE RETAINING WALL. REFER TO CIVIL DWG.
- MSB MAGNUM STONE BLOCKS RETAINING WALL. REFER TO CIVIL DWG.
- S1 SAWN SANDSTONE STEPS.
- PIT STORMWATER PITS REFER TO HYDRAULIC ENGINEER'S DETAIL
- EXISTING CHAIN LINK FENCE RETAINED TO NORTHERN TIP.
- OUTLINE OF SUSPENDED SLAB. REFER ARCHITECT'S DRAWINGS.
- 40m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)
- 20m RIPARIAN ZONE BUFFER (REFER TO VMP PREPARED BY TRAVERS ECOLOGY)

REVISION	DATE	DESCRIPTION	BY
06	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
07	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:200 @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE AREA 6

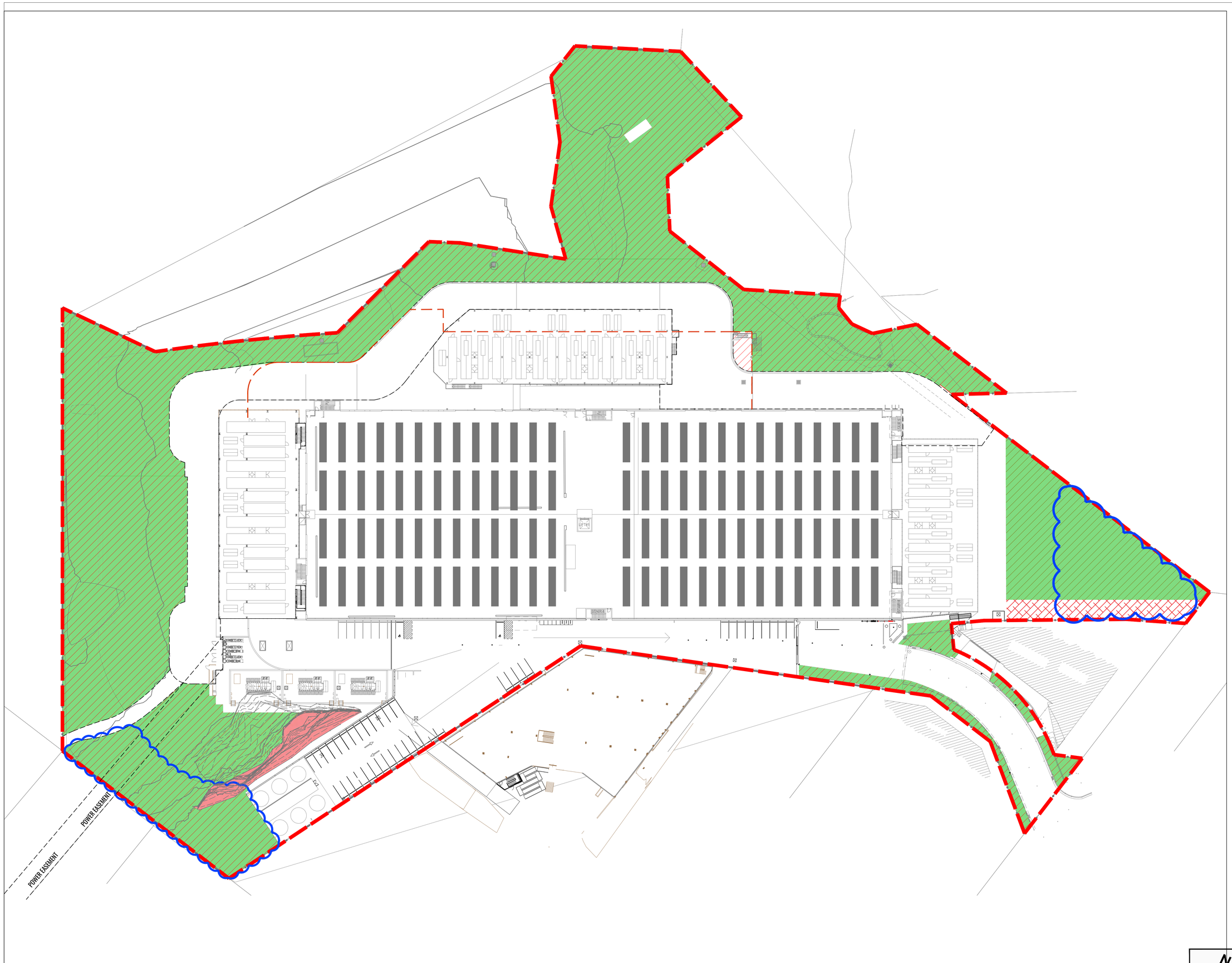
PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-106.07

190130 - AirTrunk Data Centre - CODocumentation\CC-1\model75%AICIssue Scheme 3\CAD\Print Sheets\190130_CC_Print Sheet.dwg



LEGEND

- DEEP SOIL REQUIREMENT (30%)
  TOTAL SITE AREA = 39453 SQ.M
  PROPOSED DEEP SOIL AREA = 12667 SQ.M = 32.11%
- TOTAL LANDSCAPE AREA
  SITE AREA = 39453 SQ.M
  LANDSCAPE AREA = 12725 SQ.M = 32.25%
- EXISTING BUSH REGENERATION AREA
  REFER TO VMP PREPARED BY TRAVERS ECOLOGY
- EXTENT OF EXISTING ROCK FACE.
  REFER TO ENG'S DWG
- ESTIMATED EXTENT OF EXISTING ROCK FACE.

REVISION	DATE	DESCRIPTION	BY
06	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
07	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ABN: 84 620 205 781

RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:500 @ A1	JUNE 2020	SW	BG

TITLE

DEEP SOIL REQUIREMENTS

PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-200.07

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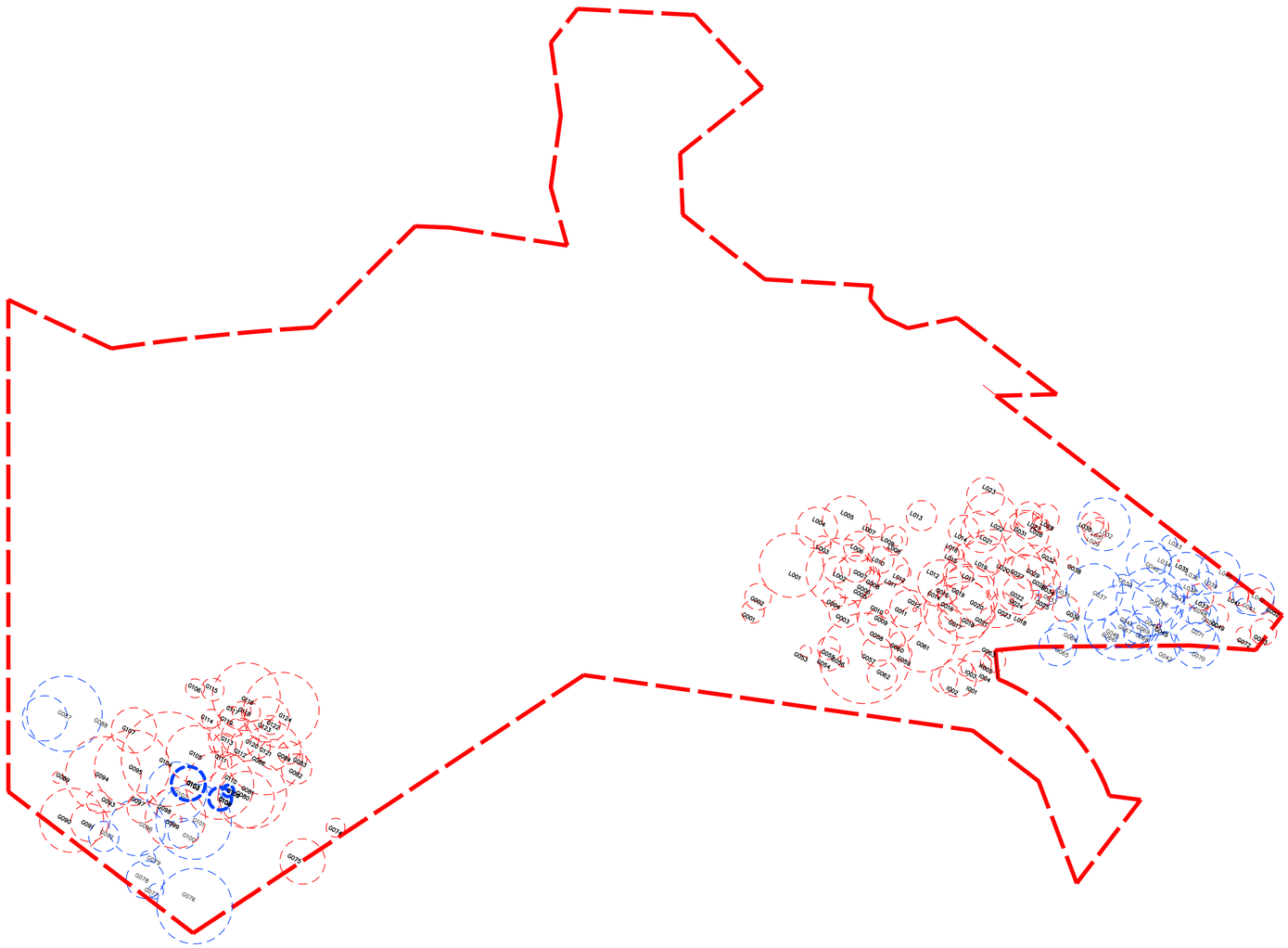

03 EXISTING TREE RETENTION PLAN

SCALE 1:750

Tag_No	Common_name	Scientific_name	Ret_Rem
G001	Camphor Laurel	Cinnamomum camphora	Remove
G002	Narrow-leaved Paperbark	Melaleuca linariifolia	Remove
G003	Red Bloodwood	Corymbia gummifera	Remove
G004	Smooth-barked Apple	Angophora costata	Remove
G005	Sydney Peppermint	Eucalyptus piperita	Remove
G006	Sydney Peppermint	Eucalyptus piperita	Remove
G007	Smooth-barked Apple	Angophora costata	Remove
G008	Smooth-barked Apple	Angophora costata	Remove
G009	Red Bloodwood	Corymbia gummifera	Remove
G010	Smooth-barked Apple	Angophora costata	Remove
G011	Dead Stag	Dead Stag	Remove
G012	Smooth-barked Apple	Angophora costata	Remove
G013	Dead Stag	Dead Stag	Remove
G014	Red Bloodwood	Corymbia gummifera	Remove
G015	Dead Stag	Dead Stag	Remove
G016	Parramatta Wattle	Acacia parramattensis	Remove
G017	Sydney Peppermint	Eucalyptus piperita	Remove
G018	Smooth-barked Apple	Angophora costata	Remove
G019	Black She-oak	allocasuarina littoralis	Remove
G020	Smooth-barked Apple	Angophora costata	Remove
G021	Smooth-barked Apple	Angophora costata	Remove
G022	Cheese Tree	Glochidion ferdinandi	Remove
G023	Cheese Tree	Glochidion ferdinandi	Remove
G024	Dead Stag	Dead Stag	Remove
G025	Camphor Laurel	Cinnamomum camphora	Remove
G026	Dead Stag	Dead Stag	Remove
G027	Cheese Tree	Glochidion ferdinandi	Remove
G028	Cheese Tree	Glochidion ferdinandi	Remove
G029	Cheese Tree	Glochidion ferdinandi	Remove
G030	Red Mahogany	Eucalyptus resinifera	Remove
G031	Dead Stag	Dead Stag	Remove
G032	Dead Stag	Dead Stag	Remove
G033	Cheese Tree	Glochidion ferdinandi	Retain
G034	Dead Stag	Dead Stag	Remove
G035	Cheese Tree	Glochidion ferdinandi	Retain
G036	Camphor Laurel	Cinnamomum camphora	Remove
G037	Smooth-barked Apple	Angophora costata	Retain
G038	Dead Stag	Dead Stag	Remove
G039	Black She-oak	Allocasuarina littoralis	Retain
G040	Hard-leaved Scribbly Gum	Eucalyptus sclerophylla	Retain
G041	Hard-leaved Scribbly Gum	Eucalyptus sclerophylla	Retain
G042	Cheese Tree	Glochidion ferdinandi	Retain
G043	Smooth-barked Apple	Angophora costata	Retain
G044	Red Mahogany	Eucalyptus resinifera	Retain
G045	Dead Stag	Dead Stag	Remove
G046	Smooth-barked Apple	Angophora costata	Retain
G047	Smooth-barked Apple	Angophora costata	Retain
G048	Smooth-barked Apple	Angophora costata	Retain
G049	Camphor Laurel	Cinnamomum camphora	Remove
G050	Cheese Tree	Glochidion ferdinandi	Retain
G051	Red Mahogany	Eucalyptus resinifera	Retain
G052	Camphor Laurel	Cinnamomum camphora	Remove
G053	Black She-oak	Allocasuarina littoralis	Remove
G054	Red Mahogany	Eucalyptus resinifera	Remove
G055	Red Mahogany	Eucalyptus resinifera	Remove
G056	Red Mahogany	Eucalyptus resinifera	Remove
G057	Sydney peppermint	Eucalyptus piperita	Remove
G058	Red bloodwood	Corymbia gummifera	Remove
G059	Parramatta Wattle	Acacia parramattensis	Remove
G060	Parramatta Wattle	Acacia parramattensis	Remove
G061	Sydney Peppermint	Eucalyptus piperita	Remove
G062	White Stringybark	Eucalyptus globoidea	Remove
G063	Swamp Oak	Casuarina glauca	Remove
G064	Red Mahogany	Eucalyptus resinifera	Retain
G065	Red Mahogany	Eucalyptus resinifera	Retain
G066	Dead Stag	Dead Stag	Retain
G067	Smooth-barked Apple	Angophora costata	Retain
G068	Smooth-barked Apple	Angophora costata	Retain
G069	Red Mahogany	Eucalyptus resinifera	Retain
G070	Red Mahogany	Eucalyptus resinifera	Retain
G071	Red Mahogany	Eucalyptus resinifera	Retain
G072	Large-leaved Privet	Ligustrum lucidum	Remove
G073	Camphor Laurel	Cinnamomum camphora	Remove
G074	Hard-leaved Scribbly Gum	Eucalyptus sclerophylla	Remove
G075	Hard-leaved Scribbly Gum	Eucalyptus sclerophylla	Remove
G076	Hard-leaved Scribbly Gum	Eucalyptus sclerophylla	Retain
G077	Parramatta Wattle	Acacia parramattensis	Retain
G078	Red Mahogany	Eucalyptus resinifera	Retain
G079	Smooth-barked Apple	Angophora costata	Retain
G080	Smooth-barked Apple	Angophora costata	Remove
G081	Smooth-barked Apple	Angophora costata	Remove
G082	Smooth-barked Apple	Angophora costata	Remove
G083	-	Eucalyptus sp.	Remove
G084	Dead Stag	Dead Stag	Remove
G085	Smooth-barked Apple	Angophora costata	Remove
G086	Smooth-barked Apple	Angophora costata	Remove
G087	White Stringybark	Eucalyptus globoidea	Retain
G088	Sydney Peppermint	Eucalyptus piperita	Retain
G089	Smooth-barked Apple	Angophora costata	Remove
G090	Sydney Peppermint	Eucalyptus piperita	Remove
G091	Smooth-barked Apple	Angophora costata	Remove
G092	Smooth-barked Apple	Angophora costata	Retain
G093	Sydney Peppermint	Eucalyptus piperita	Remove
G094	Sydney Peppermint	Eucalyptus piperita	Remove
G095	Sydney Peppermint	Eucalyptus piperita	Remove
G096	Smooth-barked Apple	Angophora costata	Retain
G097	Sydney Peppermint	Eucalyptus piperita	Remove
G098	Smooth-barked Apple	Angophora costata	Remove
G099	Sydney Peppermint	Eucalyptus piperita	Remove
G100	Smooth-barked Apple	Angophora costata	Retain
G101	Smooth-barked Apple	Angophora costata	Retain
G102	Smooth-barked Apple	Angophora costata	Retain
G103	Sydney Peppermint	Eucalyptus piperita	Retain
G104	Smooth-barked Apple	Angophora costata	Remove
G105	Sydney Peppermint	Eucalyptus piperita	Remove
G106	Sydney Peppermint	Eucalyptus piperita	Remove
G107	Sydney Peppermint	Eucalyptus piperita	Remove
G108	Smooth-barked Apple	Angophora costata	Retain
G109	Black She-oak	Allocasuarina littoralis	Retain
G110	Sydney Peppermint	Eucalyptus piperita	Remove
G111	Smooth-barked Apple	Angophora costata	Remove
G112	Red Mahogany	Eucalyptus resinifera	Remove
G113	Smooth-barked Apple	Angophora costata	Remove
G114	Red Mahogany	Eucalyptus resinifera	Remove
G115	Sydney Peppermint	Eucalyptus piperita	Remove
G116	Red Mahogany	Eucalyptus resinifera	Remove
G117	Smooth-barked Apple	Angophora costata	Remove
G118	Smooth-barked Apple	Angophora costata	Remove
G119	Red Mahogany	Eucalyptus resinifera	Remove
G120	Sydney Peppermint	Eucalyptus piperita	Remove
G121	Red Bloodwood	Corymbia gummifera	Remove
G122	Smooth-barked Apple	Angophora costata	Remove
G123	Dead Stag	Dead Stag	Remove
G124	Smooth-barked Apple	Angophora costata	Remove
L001	Blackbutt	Eucalyptus pilularis	Remove
L002	Smooth-barked Apple	Angophora costata	Remove
L003	Broad-leaved White Mahogany	Eucalyptus umbra	Remove
L004	Smooth-barked Apple	Angophora costata	Remove
L005	Smooth-barked Apple	Angophora costata	Remove
L006	Smooth-barked Apple	Angophora costata	Remove
L007	Broad-leaved White Mahogany	Eucalyptus umbra	Remove
L008	Broad-leaved White Mahogany	Eucalyptus umbra	Remove
L009	Dead Stag	Dead stag	Remove
L010	Smooth-barked Apple	Angophora costata	Remove
L011	Smooth-barked Apple	Angophora costata	Remove
L012	Dead Stag	Dead stag	Remove
L013	Smooth-barked Apple	Angophora costata	Remove
L014	Red Mahogany	Eucalyptus resinifera	Remove
L015	Smooth-barked Apple	Angophora costata	Remove
L016	Green Wattle	Acacia irrorata	Remove
L017	Smooth-barked Apple	Angophora costata	Remove
L018	Broad-leaved White Mahogany	Eucalyptus umbra	Remove
L019	Cheese Tree	Glochidion ferdinandi	Remove
L020	Black She-oak	Allocasuarina littoralis	Remove
L021	Dead Stag	Dead Stag	Remove
L022	Red Mahogany	Eucalyptus resinifera	Remove
L023	Hickory Wattle	Acacia implexa	Remove
L024	Smooth-barked Apple	Angophora costata	Remove
L025	Large-leaved Privet	Ligustrum lucidum	Remove
L026	Large-leaved Privet	Ligustrum lucidum	Remove
L027	Small-leaved Privet	Ligustrum sinense	Remove
L028	Black Locust	Gleditsea tricanthos	Remove
L029	Black Locust	Gleditsea tricanthos	Remove
L030	Large-leaved Privet	Ligustrum lucidum	Remove
L031	Large-leaved Privet	Ligustrum lucidum	Remove
L032	Smooth-barked Apple	Angophora costata	Retain
L033	Cheese Tree	Glochidion ferdinandi	Retain
L034	Port Jackson Fig	Ficus rubiginosa	Retain
L035	Dead Stag	Dead Stag	Remove
L036	Smooth-barked Apple	Angophora costata	Retain
L037	Camphor Laurel	Cinnamomum camphora	Remove
L038	Cheese Tree	Glochidion ferdinandi	Retain
L039	Smooth-barked Apple	Angophora costata	Retain
L040	Smooth-barked Apple	Angophora costata	Retain
L041	Camphor Laurel	Cinnamomum camphora	Remove
L042	Red Bloodwood	Corymbia gummifera	Retain
R001	Smooth-barked Apple	Angophora costata	Remove
R002	River Sheoak	Casuarina cunninghamiana	Remove
R003	River Sheoak	Casuarina cunninghamiana	Remove
R004	River Sheoak	Casuarina cunninghamiana	Remove
R005	Swamp Oak	Casuarina glauca	Remove

LEGEND

SITE BOUNDARY

G036 EXISTING TREES TO BE REMOVED (REFER TO ARBORISTS REPORT)

G037 EXISTING TREES TO BE RETAINED (REFER TO ARBORISTS REPORT)

REVISION	DATE	DESCRIPTION	BY
01	01.08.19	50% AFC	SW
02	12.09.19	50% REVISED AFC	SW
03	20.12.19	75% AFC	SW
04	14.02.20	30% SUBMISSION - SCHEME 3	SW
05	13.03.20	75% SUBMISSION - SCHEME 3	SW
06	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
07	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT
AirTrunk SYD2
1 SIRIUS ROAD, LANE COVE WEST NSW 2066

STATUS
75% SUBMISSION - SCHEME 3

CLIENT
AIRTRUNK / GREENBOX

JOB NO
190130

SCALE	DATE	DRAWN	CHECKED
1:500 @ A1	JUNE 2020	SW	BG

TITLE
TREE RETENTION PLAN & TREE DATA TABLE

PROJECT IDENTIFIER
ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION
LAN-201.07

N

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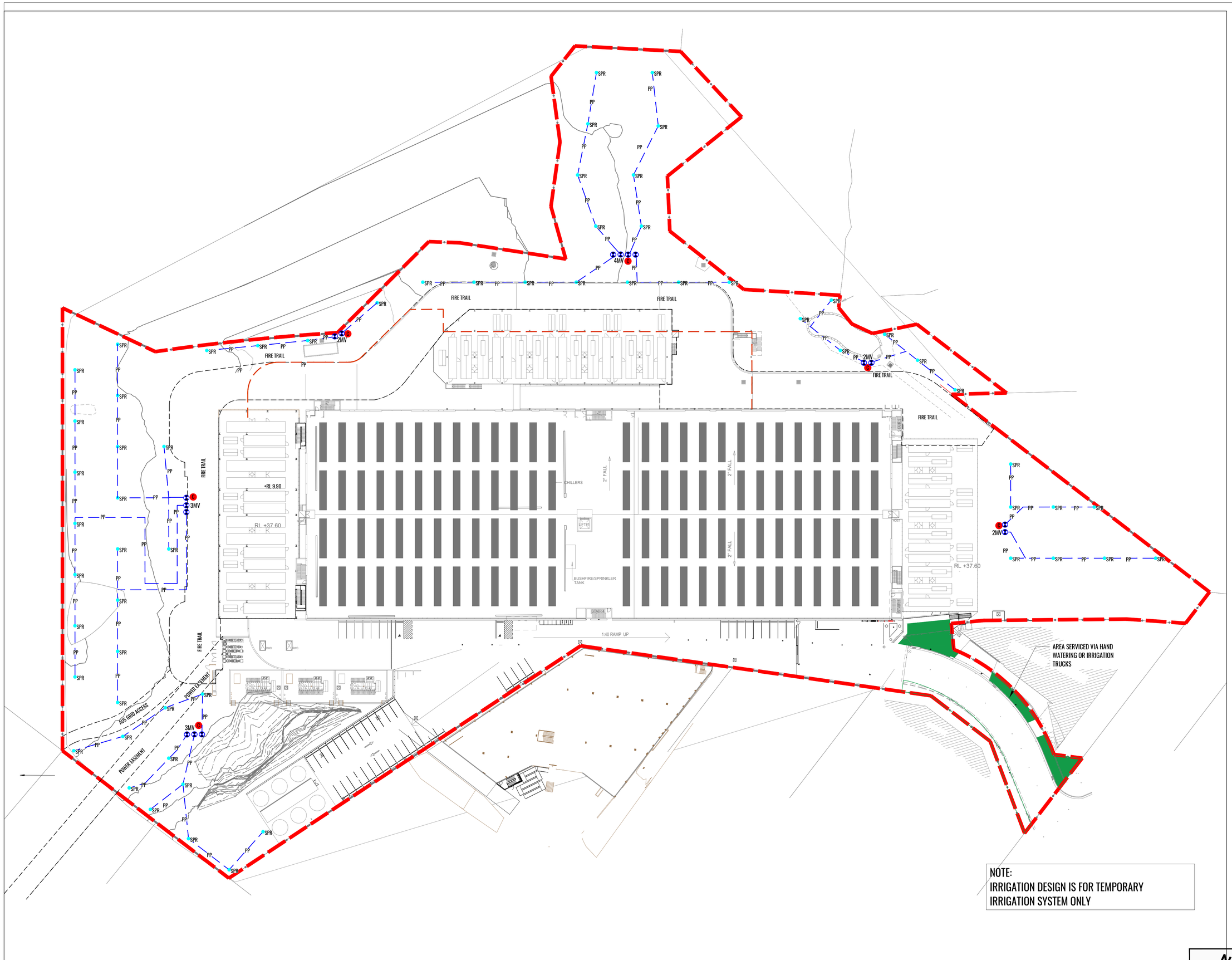

LEGEND

- SITE BOUNDARY
- SOLENOID VALVE MANIFOLD. REFER TO IRRIGATION ENG'S SPECIFICATIONS
- MV — 2-4 VALVE MANIFOLD VERSION. REFER TO IRRIGATION ENG'S SPECIFICATIONS
- SPR — IMPACT SPRINKLERS SPACED AT 15m INTERVAL. REFER TO IRRIGATION ENG'S SPECIFICATIONS.
- PP — SURFACE MOUNTED IRRIGATION POLYPIPE. REFER IRRIGATION ENG'S SPECIFICATION.
- C — TAP CONNECTED TO IRRIGATION MANIFOLD. REFER TO IRRIGATION ENG'S SPECIFICATION
- OUTLINE OF OVERHEAD DRIVEWAY & SLAB. REFER TO ARCHITECT'S DRAWINGS.
- AREA TO BE HAND WATERED.

REVISION	DATE	DESCRIPTION	BY
05	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
06	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	**JOB NO**
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
1:500 @ A1	JUNE 2020	SW	BG

TITLE

SCHEMATIC IRRIGATION LAYOUT

PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-301.06

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TEMPORARY IRRIGATION SYSTEM

Design Intent

The system is to exist of multiple water sources where a valve manifold is to connect to a standard garden tap. The manifolds will consist of 2-4 valves with battery operated timers enabling fully automated control of the site. The irrigation type will be overhead by impact sprinklers mounted on risers high enough to clear the foliage.

For optimal performance each sprinkler will require 15L/min @ 300kPa. For the purpose of a design an assumed flow of 60 L/min at 300kPa will allow up to 4 sprinklers to run at once. Where 5 sprinklers are required smaller nozzles will need to be installed.

The system shall be scheduled for plant establishment initially. Later in the establishment period the system should be reduced the plants dependency on regular water. In each case a deep watering schedule is preferred.

Backflow Prevention

At each water connection point a suitable backflow prevention device with be required if the system is to be fed from town water supply.

Controllers

Rain Bird WPX battery controllers are to be used. These are available in a 1, 2, 4 & 6 station versions. For this project the use of 2 and 4 station units will be required. These will be fitted with 2 9v batteries in each unit for reliability.

Valve Manifold

Irrigation manifold fittings with union connections and o ring seals are to be used to form the solenoid valve manifolds. Tavlit branded fittings are preferred. The valves and valve manifold should be secured in a valve box. A short length of MDPE pipe may be used to connect between the backflow and manifold.

Solenoid Valves

The solenoid valves are to be Rain Bird DVF-100's fitted with DC latching coils (for battery operated controllers).

Sprinklers

The type of sprinklers are to be impact sprinklers. The nominated product is Rain Bird Maxi-Bird to be mounted on minimum 600mm risers secured with recycled garden stakes and cable ties.

Pipework

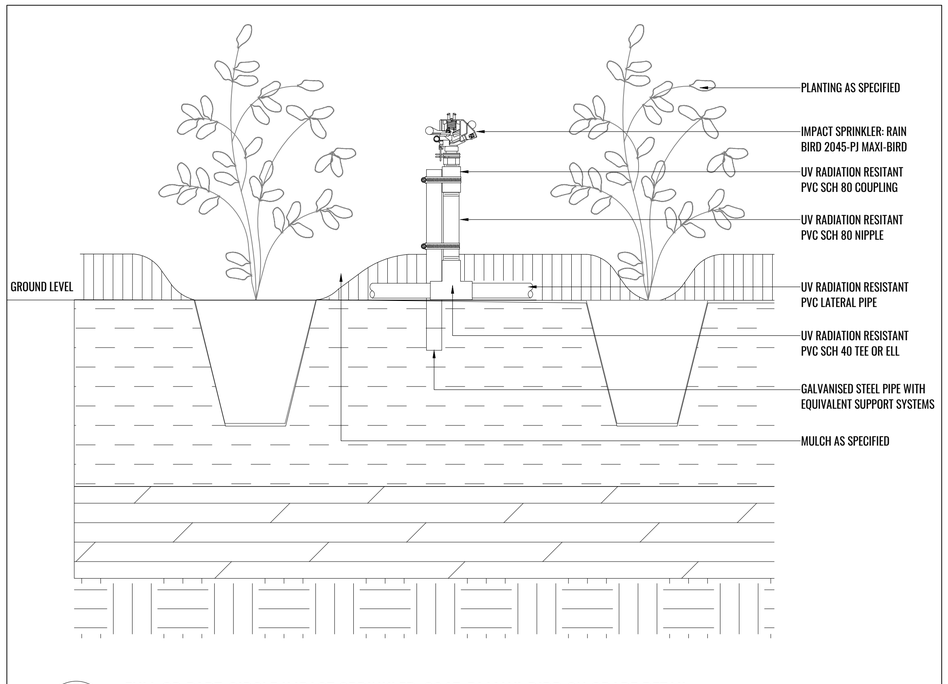
The pipework is to be surface mounted and pinned down. This will be preferably under the mulch for aesthetics. 25mm LDPE will be suitable for this purpose downstream of the solenoid valves.

Removal of system

All visible components should be removed after the establishment period. The products should be retained for future projects or recycled where possible.

Where to source

All products have been material listed in a pre-prepared quote and can be provided for submission purposes as well as supply of material. For more info please email sales@watermatic.com.au or phone 9477 5540.



01 FULL OR PART-CIRCLE IMPACT SPRINKLER: 2045-PJ MAXI-BIRD ON GRADE DETAIL

SCALE 1:5

CONSULTING IRRIGATION ENGINEER:

watermaticirrigation
Leaders in Smart Water Management

Sheldon Were
Business Development Manager
W: www.watermatic.com.au
T: 02 9477 5540
F: 02 9482 4088
E: sales@watermatic.com.au
81 Hunter Street, HORNSBY NSW 2077

REVISION	DATE	DESCRIPTION	BY
05	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
06	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781
RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

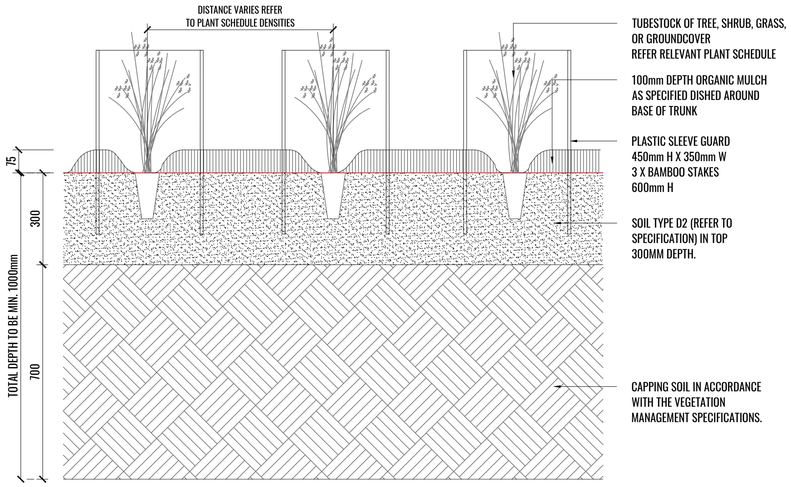
SCALE	DATE	DRAWN	CHECKED
AS SHOWN @ A1	JUNE 2020	SW	BG

TITLE
IRRIGATION SPECIFICATIONS AND DETAILS

PROJECT IDENTIFIER
ATSYD2-SITE-DRG-GEO

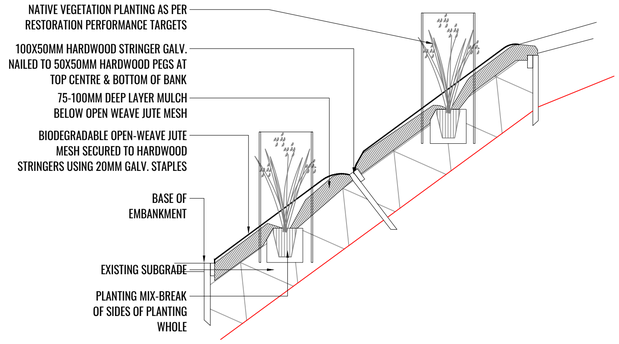
DRAWING NUMBER & REVISION
LAN-401.06

190130 - AirTrunk Data Centre - DC Documentation\DC-1\Index\75% AFC Issue Scheme 3\CAD\Plot Sheets\190130_DC_Plot Sheet.dwg

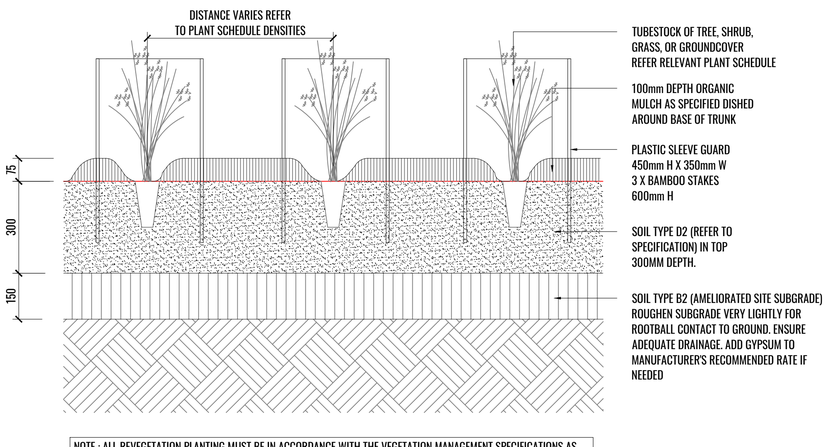


NOTE : ALL REVEGETATION PLANTING MUST BE IN ACCORDANCE WITH THE VEGETATION MANAGEMENT SPECIFICATIONS AS PREPARED BY TRAVERS ECOLOGY
REFER TO DOCUMENT REF : 18AWE02V IN REVEG AREAS STEEPER THAN 1:4 EROSION CONTROL MATTING SHOULD BE USED WITHOUT MULCH

01 SECTION TYPICAL TUBESTOCK REVEGETATION PLANTING DETAIL IN CONTAMINATED AREAS
SCALE 1:10



03 TYPICAL RIPARIAN BANK STABILISATION DETAIL NOMINALLY FOR SLOPE OF 1 IN 2
SCALE 1:10



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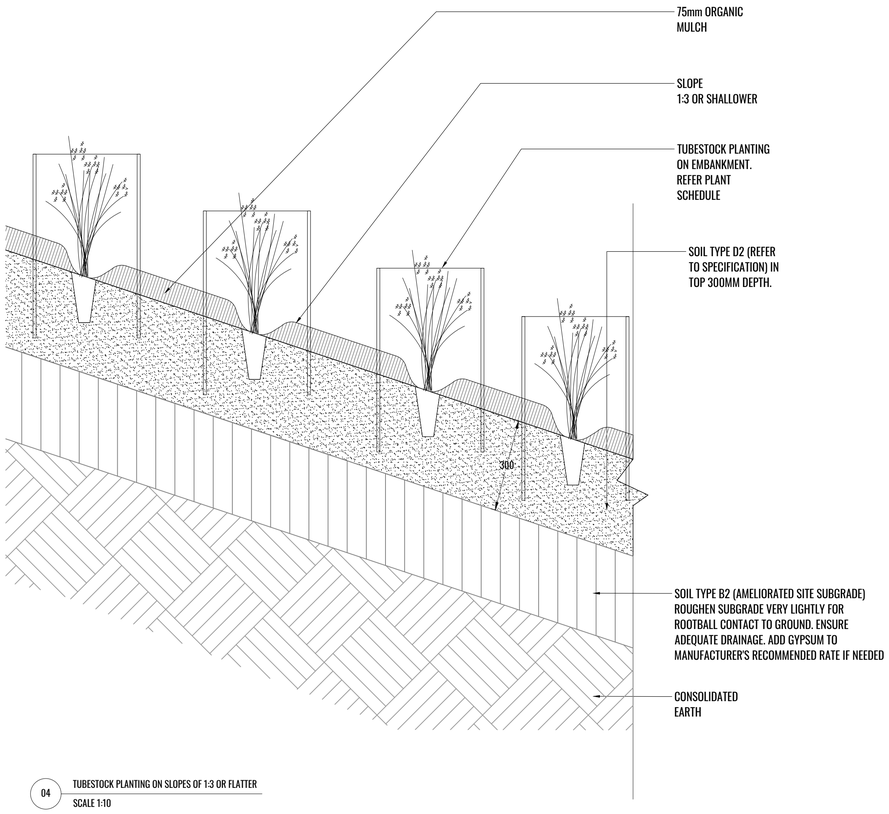
REFER TO DOCUMENT REF : 18AWE02V IN REVEG AREAS STEEPER THAN 1:4 EROSION CONTROL MATTING SHOULD BE USED WITHOUT MULCH

02 SECTION TYPICAL TUBESTOCK REVEGETATION PLANTING DETAIL IN NON CONTAMINATED AREAS
SCALE 1:10



04 TUBESTOCK PLANTING ON SLOPES OF 1:3 OR FLATTER
SCALE 1:10

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
08	23.06.20	75% [REVISED] SUBMISSION - SCHEME 3	SW

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ACN: 620 205 781
ABN: 84 620 205 781

RLA NO # 5868

PROJECT	STATUS
AirTrunk SYD2 1 SIRIUS ROAD, LANE COVE WEST NSW 2066	75% SUBMISSION - SCHEME 3
CLIENT	JOB NO
AIRTRUNK / GREENBOX	**190130**

SCALE	DATE	DRAWN	CHECKED
AS SHOWN @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE DETAILS 1

PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-601.08

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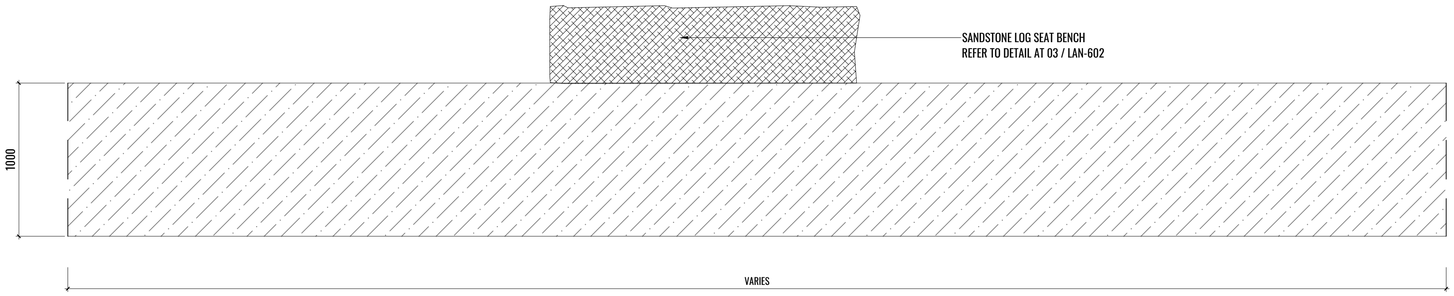
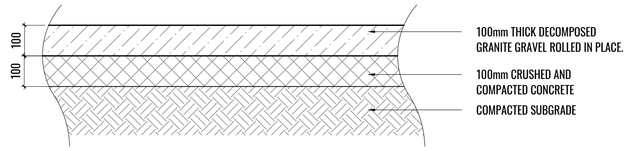


01 TYPICAL DETAIL - 1.0M WIDE DECOMPOSED GRANITE PATH PLAN
SCALE 1:20



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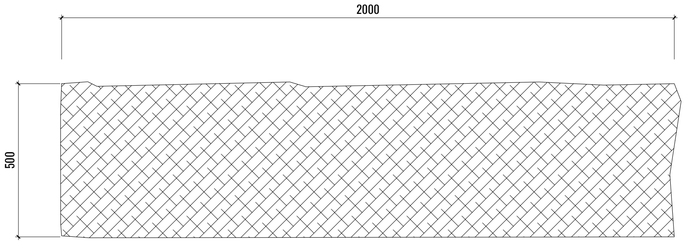
02 TYPICAL DETAIL - DECOMPOSED GRANITE PATHWAY SECTION
SCALE 1:10



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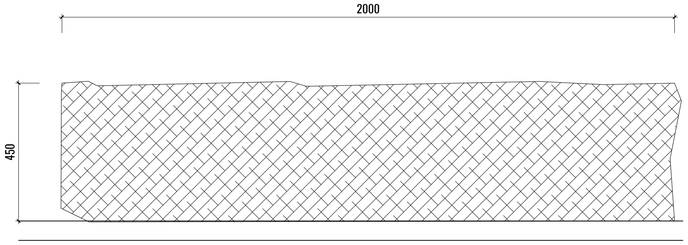

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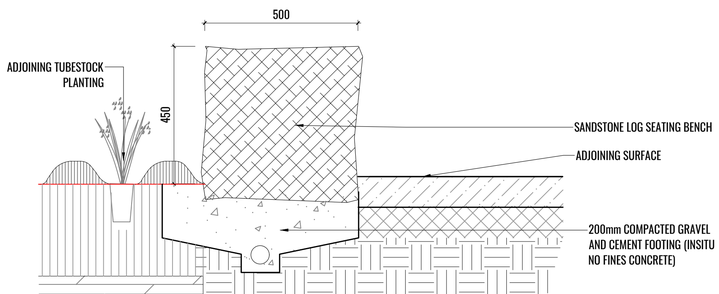
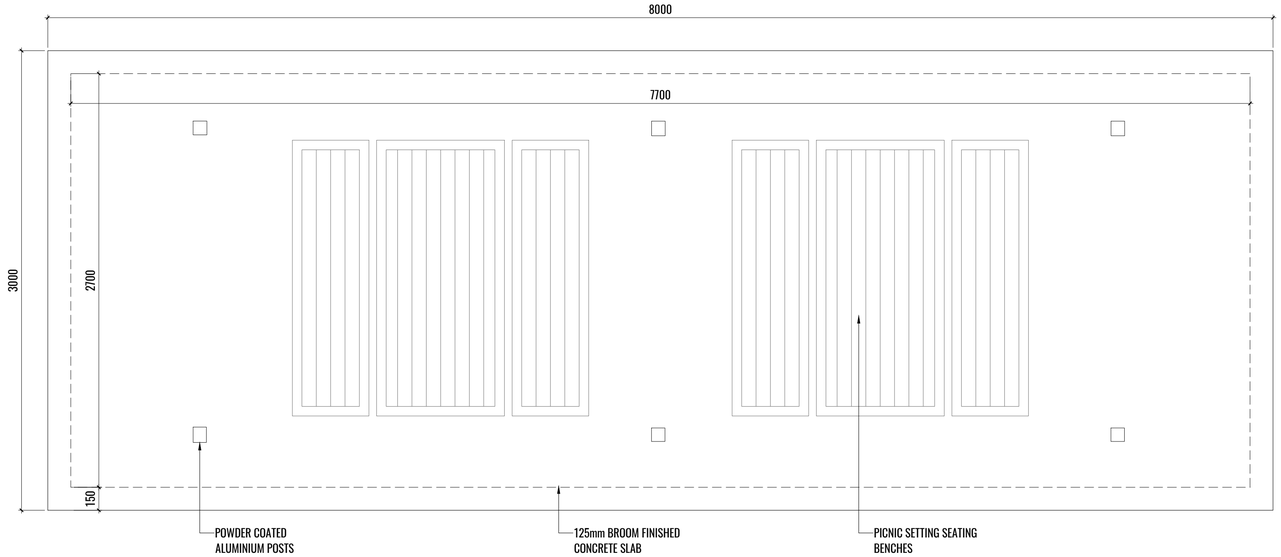


SECTION

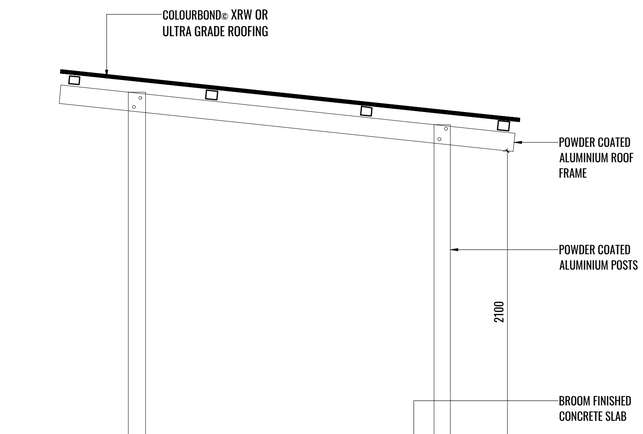
03 TYPICAL SANDSTONE LOG SEAT : ELEVATION, SECTION AND PLAN
SCALE 1:20



04 TYPICAL PICNIC SHELTER (PS) PLAN
SCALE 1:20

FURNITURE SPECIFICATIONS:

SUPPLIER: LANDMARK PRO
SERIES: WHYALLA SERIES
MATERIALS: Aluminum posts with Aluminum Roof Frame.
Colourbond® XRW OR Ultra Grade Roofing.
FINISHES: Powder Coating or Two-pack
COLOUR: Green Roof
BASE: 125mm THICK BROOM FINISHED CONCRETE FINISH



05 TYPICAL PICNIC SHELTER (PS) SECTION
SCALE 1:20

REVISION	DATE	DESCRIPTION	BY
07	15.05.20	75% [REVISED] SUBMISSION - SCHEME 3	SW
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SCALE	DATE	DRAWN	CHECKED
AS SHOWN @ A1	JUNE 2020	SW	BG

TITLE

LANDSCAPE DETAILS 2

PROJECT IDENTIFIER

ATSYD2-SITE-DRG-GEO

DRAWING NUMBER & REVISION

LAN-602.08

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