42 Boorea Street, Lidcombe, NSW, 2141

Landscape Documentation for State Significant Development Application



Drawing Register

Drawing Name

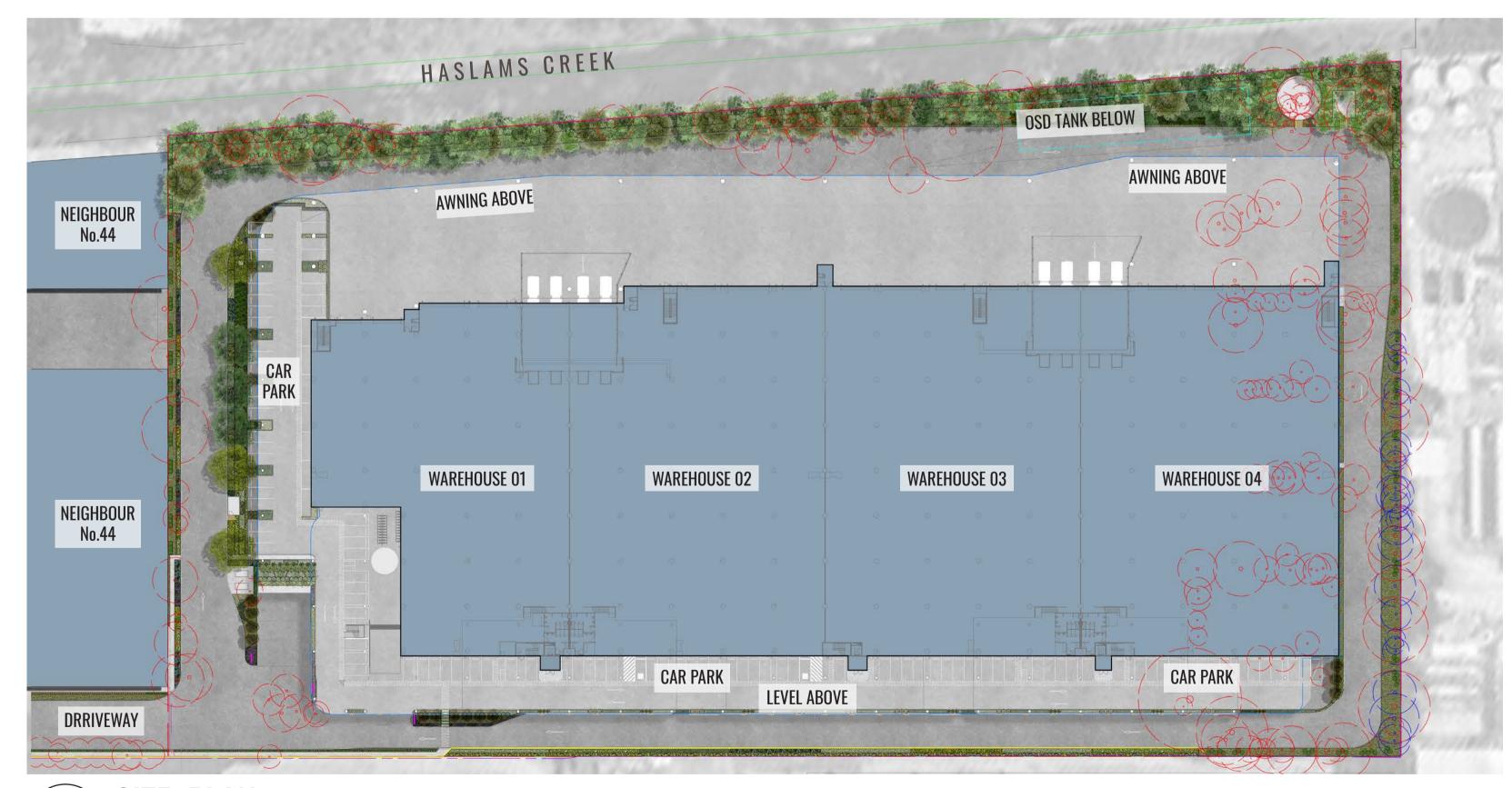
SSD-00	Landscape Cover Sheet
SSD-01	Landscape Masterplan
SSD-02	Detail Plan 1
SSD-03	Detail Plan 2
SSD-04	Detail Plan 3
SSD-05	Detail Plan 4
SSD-06	Driveway, Mezzanine & Level 1 Office Access Detail Plans
SSD-07	Level 1 Detail Plan & Section AA
SSD-08	Sections BB, CC & DD
SSD-09	Specifications & Details
SSD-10	Plant Schedule & Imagery

Design Statement

The project at 42 Boorea Street, Lidcombe involves the re-development of approximately 4ha of industrial land for a new two-storey warehouse, it is bounded by Boorea St and Haslams Creek. The Haslams Creek landscape buffer allows for significant canopy tree planting to help screen the development and integrate the site within its broader environment.

The landscape design aims to provide the following outcomes in response to the SEARs:

- Incorporate native species that are local to the area.
- Plant trees throughout the site where feasible, to provide shade amenity and canopy cover.
- Retain existing trees where possible and underplant with native species to enhance local habitat values.
- Provide interest within the landscape at focal points around office buildings and level 1 staff outdoor areas.
- Re-vegetate Haslams Creek with endemic plant species from Sydney Turpentine Ironbark Forest (STIF)





Drawing Title:

Landscape Cover SheetDWG No:

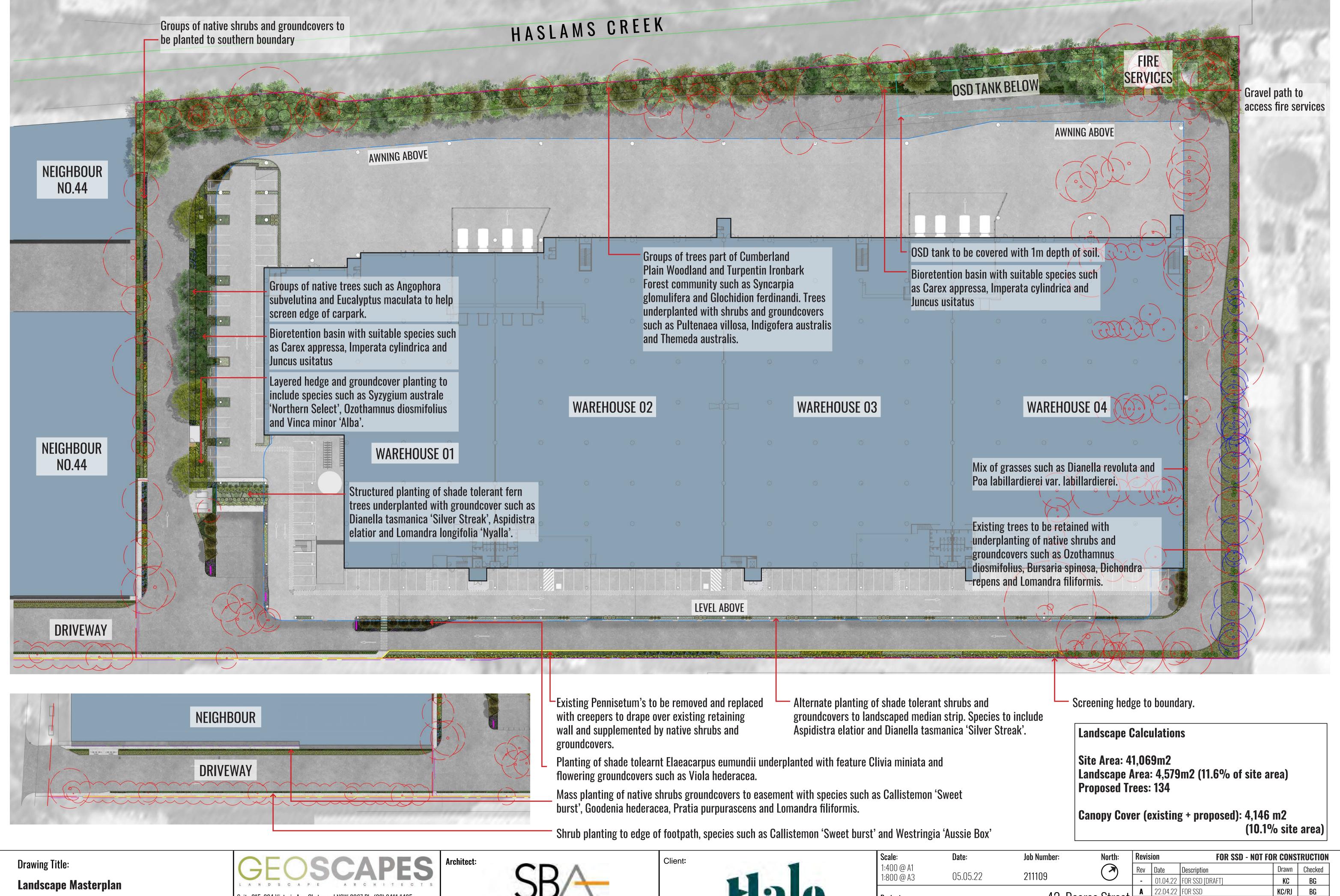
SSD-00







Scale:	Date:	Job Number:	North:	Revision		FOR SSD - NOT FOR CONSTRUCTION		
N1 / A	05.05.00	011100		Rev	Date	Description	Drawn	Checked
N/A	05.05.22	211109		-	01.04.22	FOR SSD [DRAFT]	KC	BG
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Project:		4Z, B00	orea Street	В	26.04.22	FOR SSD	KC	BG
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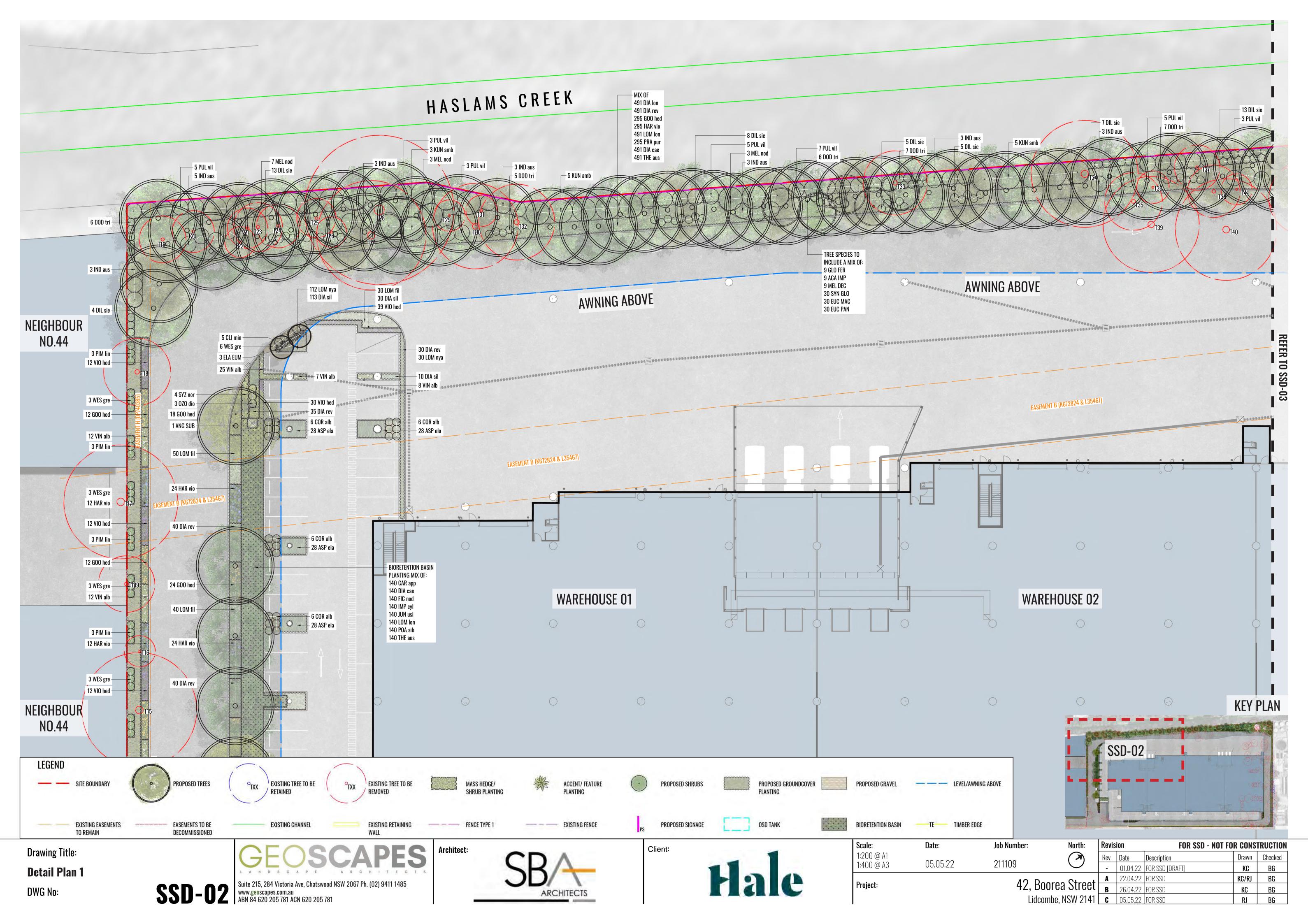
Landscape Masterplan DWG No:

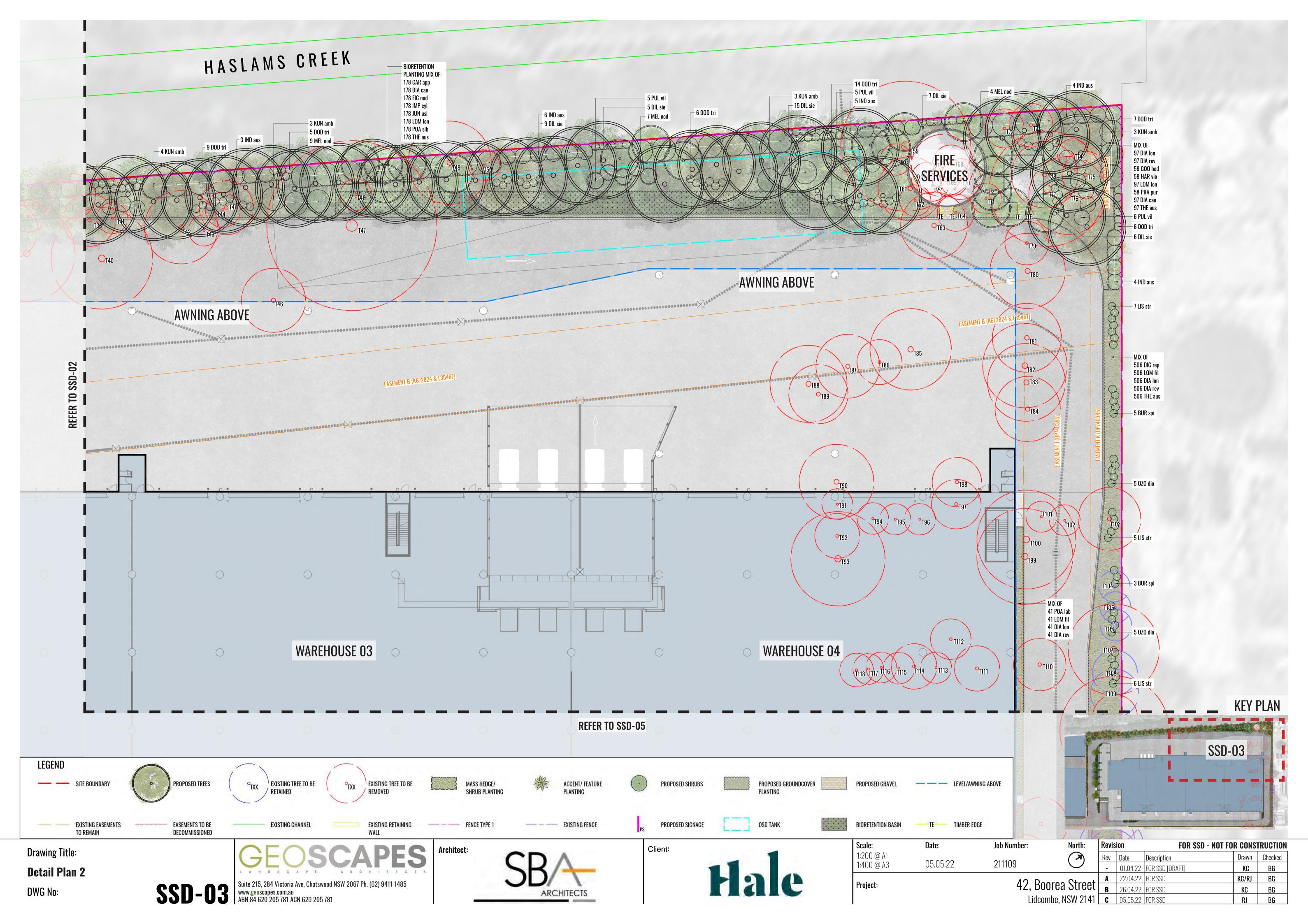
Suite 215, 284 Victoria Ave, Chatswood NSW 2067 Ph. (02) 9411 1485

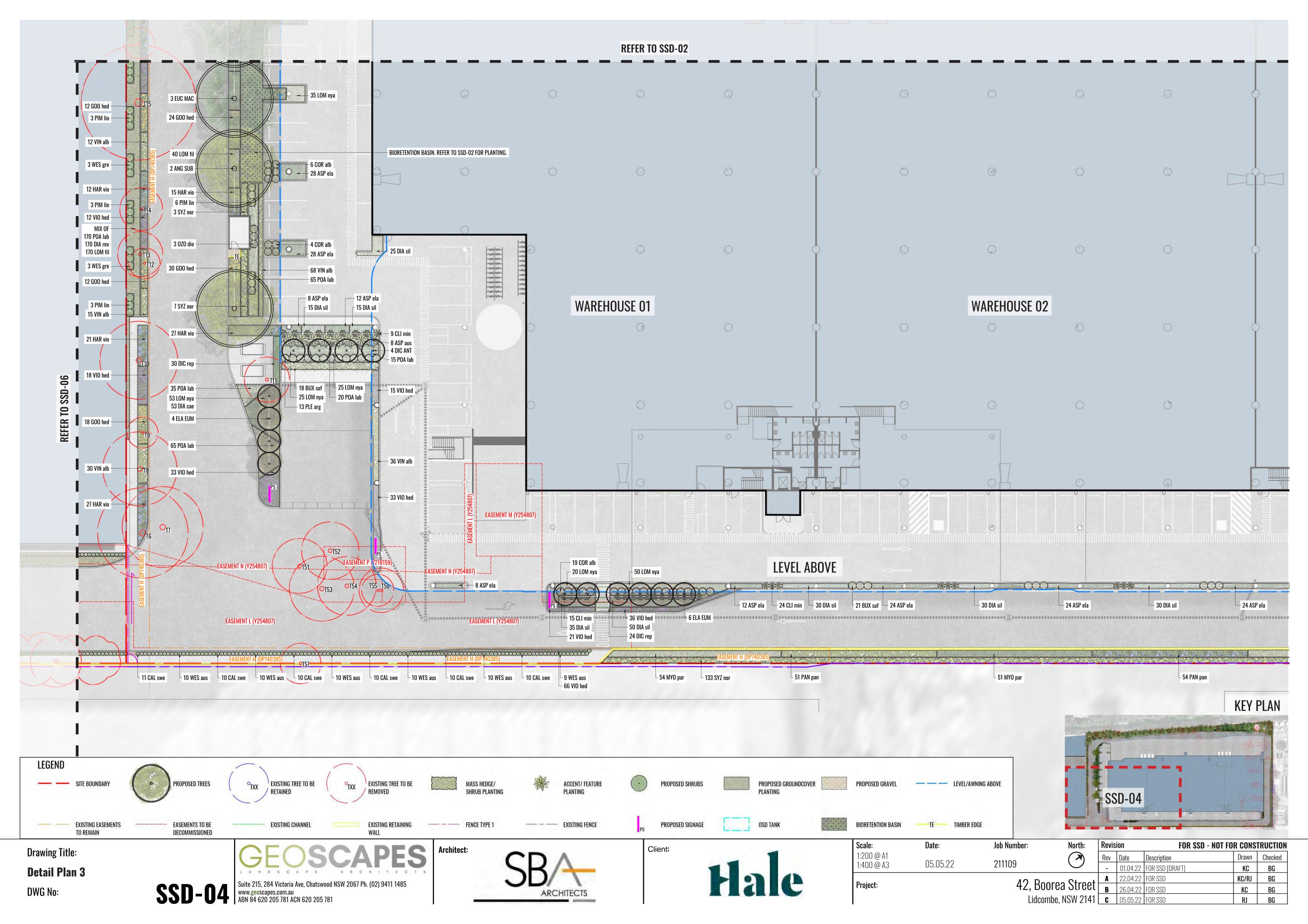
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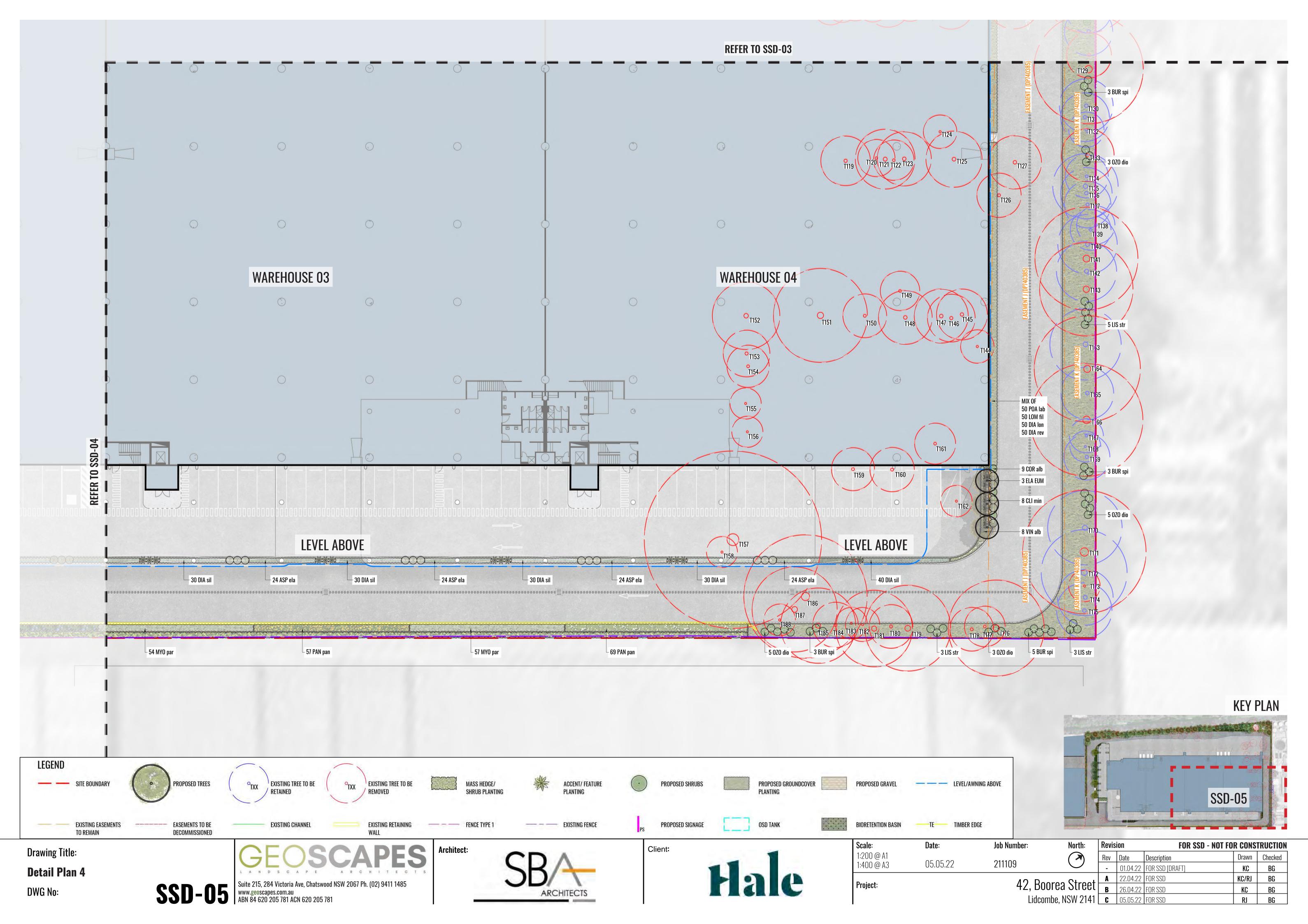
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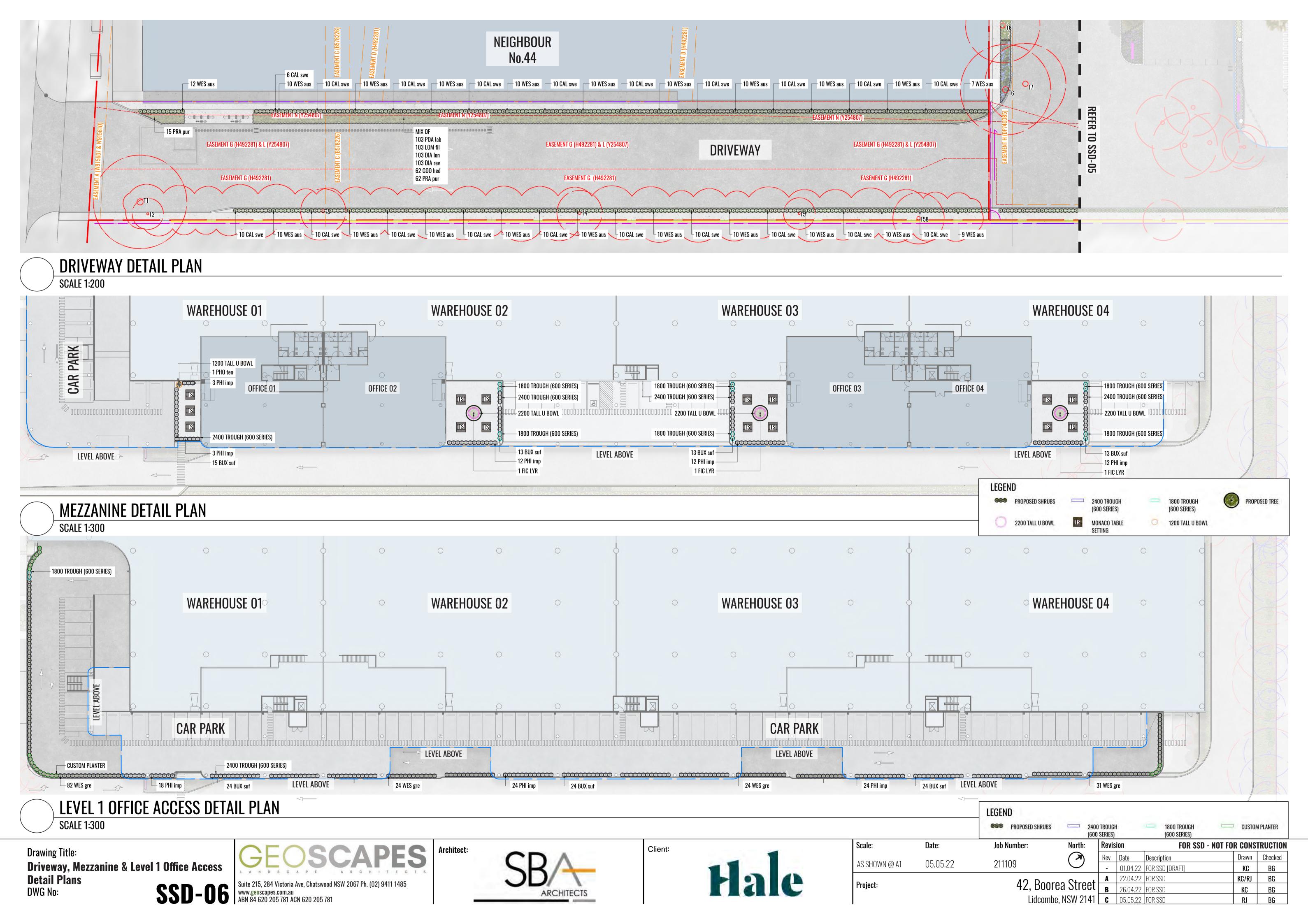
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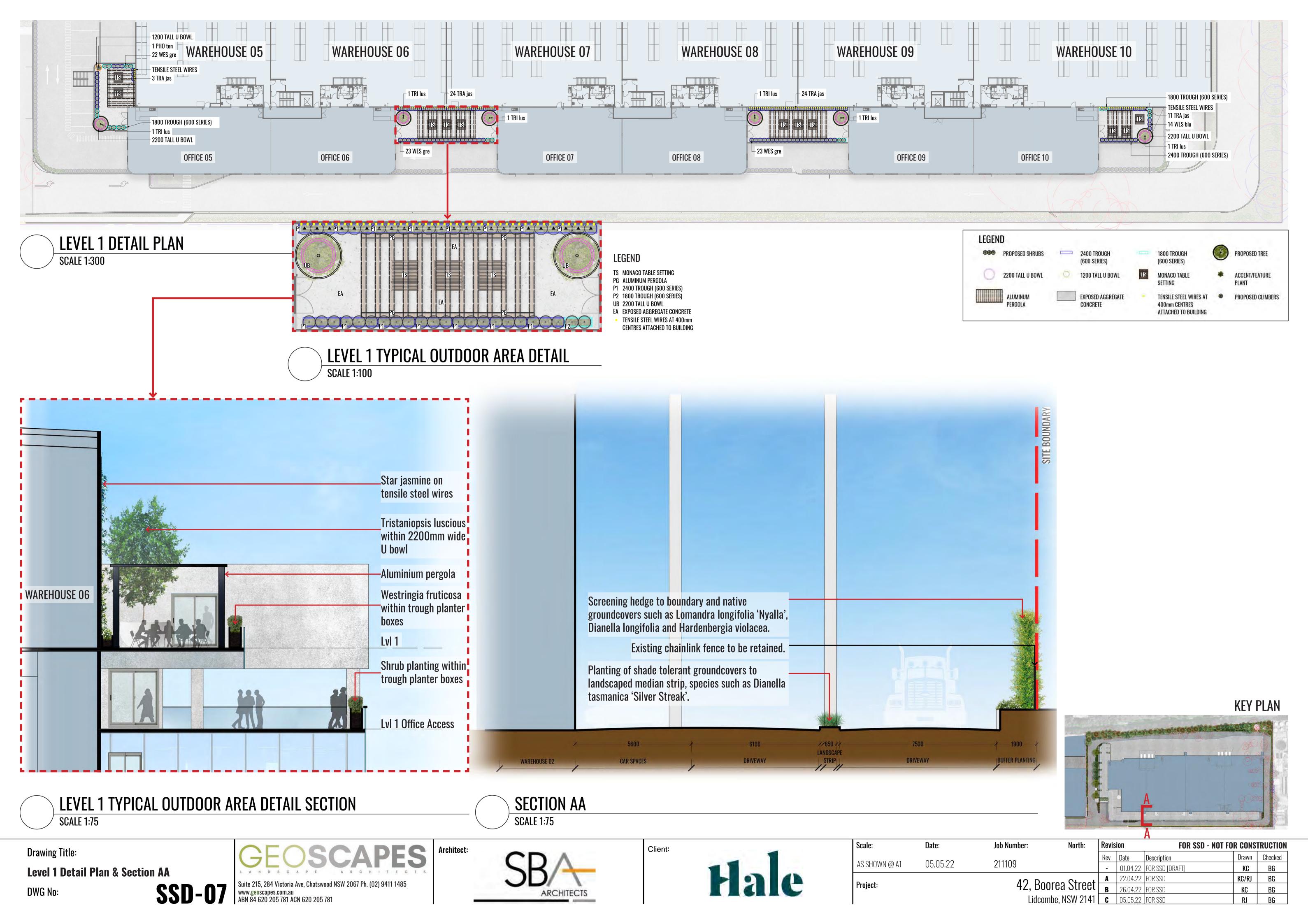


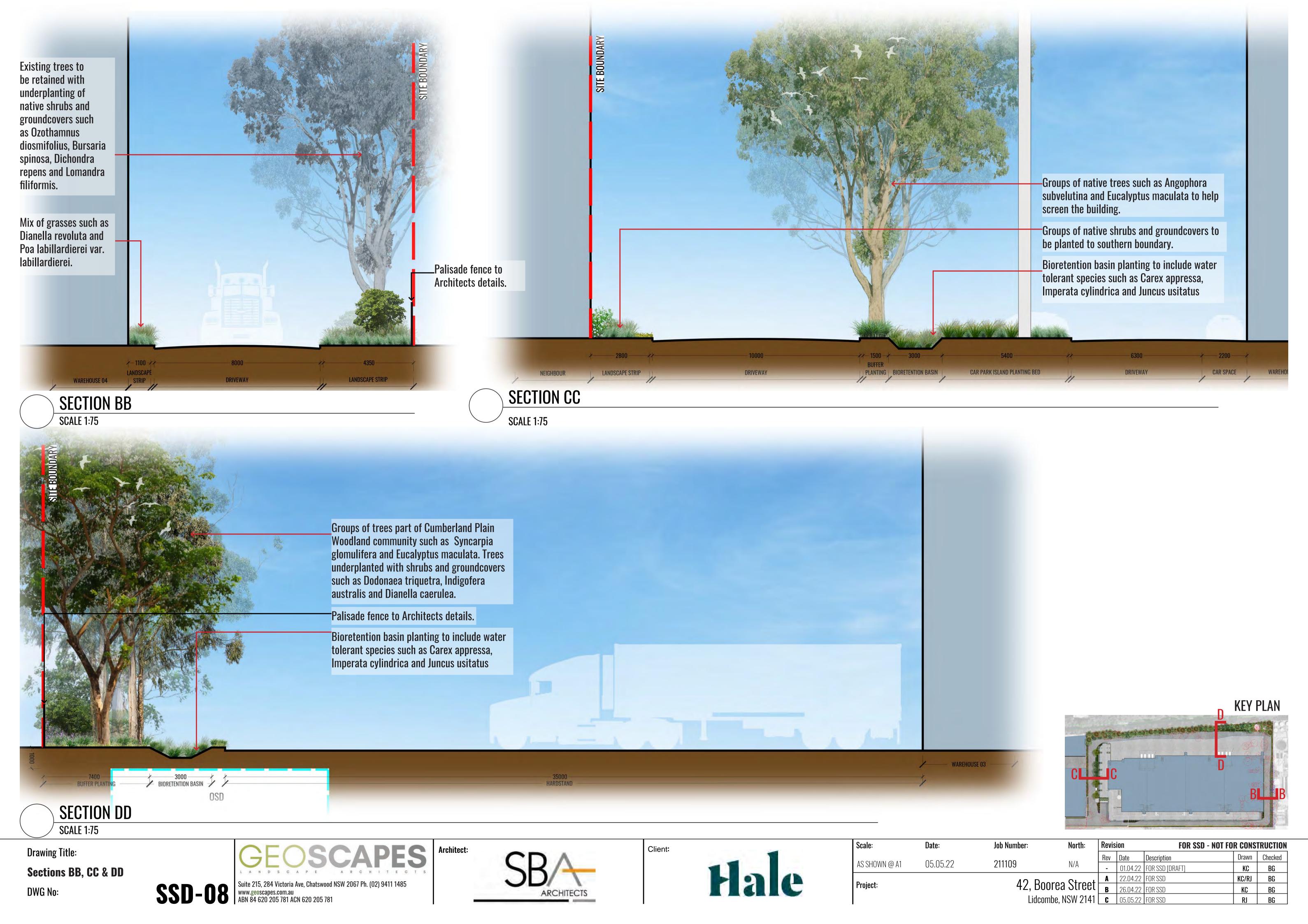












MAINTENANCE PLAN

Maintenance shall mean the care and maintenance of the landscape works by accepted horticultural practice as rectifying any defects that become apparent in the landscape works under normal use. The landscape contractor shall attend the site on a weekly basis to maintain the landscape works commencing from practical completion.

Rubbish Removal

The Landscape Contractor shall undertake rubbish removal from the site on a **weekly basis** to ensure the site remains in tidy condition.

Weed Eradication

Weed growth that may occur in grassed, planted or mulched areas is to be removed using environmentally acceptable methods i.e. non-residual glyphosate herbicide (e.g. 'Roundup', applied in accordance with the manufacturer's direction.

Tree Replacement

Trees shall show signs of healthy vigorous growth and be free from disease and not exhibit signs of stress prior to handover to the client. Any trees or plant that die or fail to thrive, or are damaged or stolen will be replaced. Replacement material shall have the initial maintenance period extended in accordance with the landscape contract conditions. Trees and plant materials shall be equal to the minimum requirements of species specified and approved material delivered to site. Should the condition decline from the approved sample the Superintendent reserves the right to reject the tree / plants. Frequency: as required.

Stakes

Adjust and/or replace stakes and ties where required. Remove staking and guying when instructed by the Superintendent

Pruning

Selective pruning may be required during the establishment period to promote a balanced canopy structure. These activities shall be carried out to the best horticultural and industry practice. All pruned material is to be removed from site.

Mulched Surfaces

All planter beds and garden areas shall have a minimum depth of 75mm organic mulch. All mulch is to be free of deleterious matter such as soil, weeds, sticks and should conform to AS 4454

Mulched surfaces are to be kept clean and tidy and free of any deleterious material and foreign matter. Reinstate depths to a uniform level of 75mm with mulch as specified, mulch to be free of any wood material impregnated with CCA or similar toxic treatment. Top up mulch levels prior to handover to client & estate management. Organic mulch is not to be used within 1m of a building. Use pebble mulch in these areas instead

Watering

Implement an appropriate hand watering regime in areas not irrigated in association with current watering programme to maintain plant health and vigour. The program shall reflect seasonal conditions and plant species.

Frequency: Weekly or as required.

Soil In Natural Ground

Non-Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Organic Garden Mix' as supplied by Australian Native Landscapes. Australian native garden beds to have soil installed consisting of 50% existing site topsoil and 50% new topsoil equal or equivalent to 'Native Low 'P' Mix' as supplied by Australian Native Landscapes. Soil to conform to AS4419 refer to typical detail.

Pest and Disease Control

The Landscape Contractor shall spray for pests and disease infestations when the pest and fungal attack has been positively identified and when their populations have increased to a point that will become detrimental to plant growth. Apply all pesticides to manufacturer's directions.

Frequency: weekly inspection

Fertilising

Generally check for signs of nutrient deficiencies (yellowing of leaves, failure to thrive), and adapt fertiliser regime to suit. Fertiliser should be applied at the beginning and the end of the (summer) growing season.

Irrigation A sub surface dripper style, electrically automated self timed irrigation system is recommended to be supplied to all garden bed areas and planter container. Regular checks are to be made to ensure continued successful operation. The Landscape Contractor shall be responsible for coordination and engagement of a specialist irrigation designer and installation contractor to design, supply and install an automatic subterranean drip irrigation system to all raised planter beds.

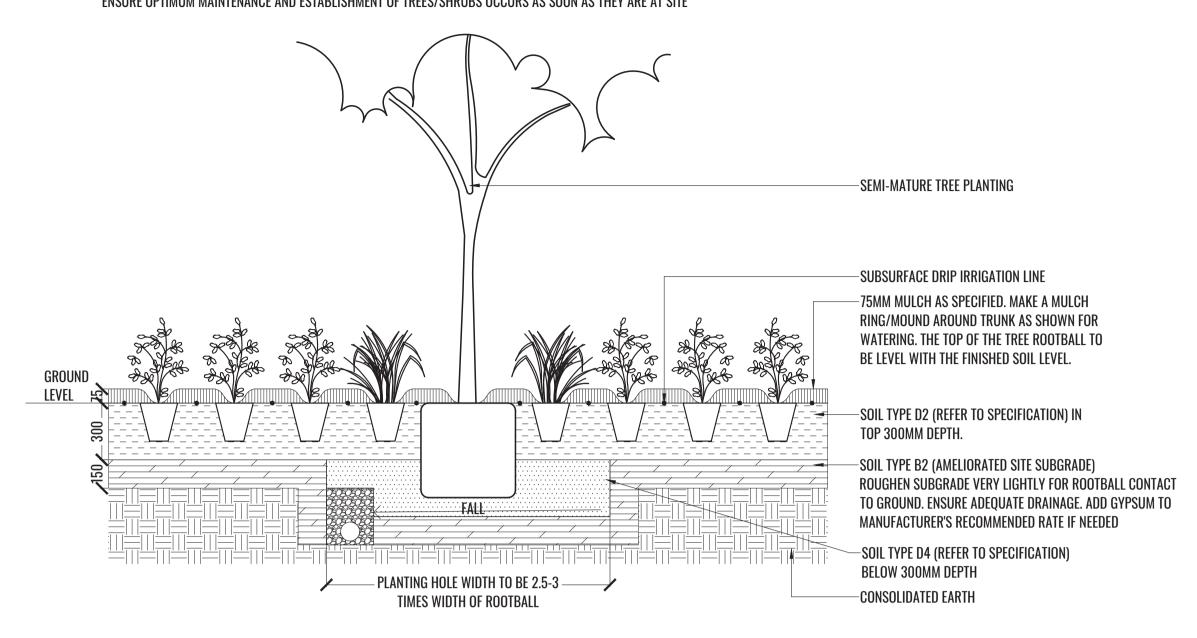
The irrigation system will need to provide designated landscaped areas with enough water for vigorous healthy plant growth. As a general rule landscaped areas will need 20-25mm, species dependant, of water per week. The landscape Contractor will need to monitor natural rainfall using a rain switch in order to set irrigation flow rates accordingly on a monthly basis.

Standards

All grown or purchased plant stock must conform to all the conditions and requirements given in NATSPEC Guide: Specifying Trees. Soils to be in accordance with AS4419, mulching composts and conditioners to be in accordance with AS4454. Soils should conform to best practice specifications as listed in the Landscape Soils Handbook (Simon Leake & Elke Haege 2017).

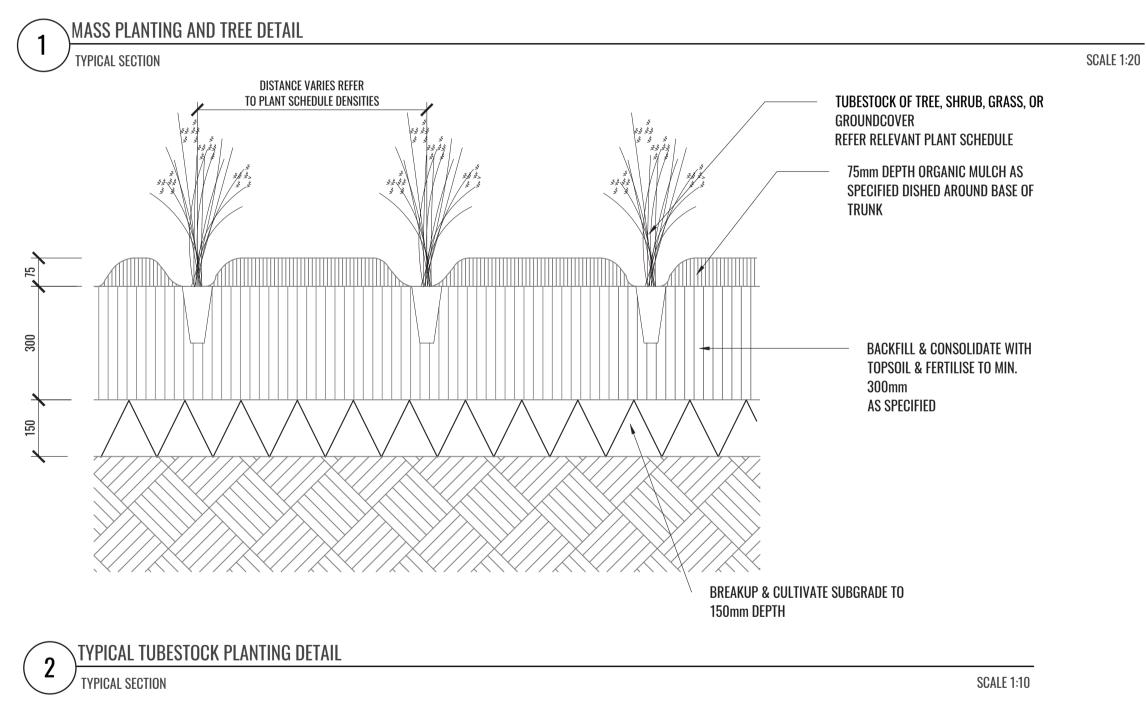
TYPICAL LANDSCAPE DETAILS

TREE/SHRUB SIZE AND QUALITY TO BE TO NATSPEC STANDARD. SPECIES IS TO BE AS PER PLAN AND PLANT SCHEDULE. ENSURE ONL' HEALTHY AND VIGOROUS. DISEASE FREE. WELL MAINTAINED PLANTS ARE USED. TAKE CARE TO ENSURE FOLIAGE, BRANCHES, TRUNKS AND ROOT CROWNS ARE NOT DAMAGED BEFORE, DURING AND AFTER PLANTING



. OF TREE WITH FRESH WATER BEFORE TAKING OFF POT OR BAG. WHEN PLANTING HOLE IS COMPLETE USE A SHARP SPADE TO SHAVE OFF 20-50MM O

REMOVE ANY STAKES, TIES AND LABELS. WATER ROOTBALL THOROUGHLY TOP OF ROOTBALL TO FINISH FLUSH WITH TOP OF SOIL



SCALE 1:10

Drawing Title:

Specifications & Details

DWG No:







Scale:	Date:	Job Number:	North:	Revision		FOR SSD - NOT FOR CONSTRUCTION		
A 1 / A	05 05 00	011100	N. / A	Rev	Date	Description	Drawn	Checked
/A 05.05.22 211109	N/A	-	01.04.22	FOR SSD [DRAFT]	KC	BG		
D:		40 Doo	ookoo Ctroot	A	22.04.22	FOR SSD	KC/RJ	BG
Project:		4Z, D00	rea Street	В	26.04.22	FOR SSD	KC	BG
		Lidcom	be, NSW 2141	C	05.05.22	FOR SSD	RJ	BG

PLANT SCHEDULE

ar ound 110	or Plant Schedule						
Code	Botanical Name	Common Name	Mature Height	Native	Spacing	Pot Size	Quantity
Trees							
ACA IMP	Acacia implexa	Hickory Wattle	5-15m	✓	As shown	75L	9
ANG SUB	Angophora subvelutina	Broad-Leaved Apple	15m	✓	As shown	75L	4
ELA EUM	Elaeacarpus eumundii	Eumundii Quandong	7m	✓	As shown	75L	16
EUC MAC	Eucalyptus maculata	Spotted Gum	25m	✓	As shown	75L	33
EUC PAN	Eucalyptus paniculata	Grey Ironbark	25m	✓	As shown	75L	30
GLO FER	Glochidion ferdinandi	Cheese Tree	8m	✓	As shown	75L	9
MEL DEC	Melaleuca decora	White Feather Honeymyrtle	10m	✓	As shown	75L	9
SYN GLO	Syncarpia glomulifera	Turpentine Tree	25m	✓	As shown	75L	30
Tree Ferns							
DIC ANT	Dicksonia antarctica	Soft Tree Fern	5m	✓	As shown	75L	4
Shrubs							
ASP aus	Asplenium australasicum	Bird's Nest Fern	1.5m	✓	As shown	200mm	8
BUR spi	Bursaria spinosa	Native Blackthorn	3m	✓	As shown	200mm	22
BUX suf	Buxus sempervirens 'Suffruticosa'	Common Boxwood	1m		As shown or 0.7m Ctrs	200mm	42
CAL swe	Callistemon 'Sweet burst'	Sweet Burst Callistemon	1m	✓	As shown	200mm	257
COR alb	Correa alba	Native Fuschia	1.5m	✓	As shown	200mm	62
CLI min	Clivia miniata	Kaffir Lily	0.6m		As shown	200mm	61
DOD tri	Dodonaea triquetra	Common Hop Bush	5m	✓	As shown	200mm	78
DIL sie	Dillwynia sieberi	Prickly Parrot Pea	2m	✓	As shown	200mm	97
IND aus	Indigofera australis	Australian Indigo	2m	✓	As shown	200mm	45
KUN amb	Kunzea ambigua	Tick Bush	2m	✓	As shown	200mm	26
LIS str	Lissanthe strigosa	Peach Heath	1m	✓	As shown	200mm	29
MEL nod	Melaleuca nodosa	Prickly-Leaved Paperbark	3m	✓	As shown	200mm	33
OZO dio	Ozothamnus diosmifolius	Rice Flower	1m	✓	As shown	200mm	32
PIM lin	Pimelia linifolia	Dwarf Rice Flower	0.5m	✓	As shown	200mm	27
PLE arg	Plectranthus argentatus	Silver Spurflower	1m	✓	As shown	200mm	13
PUL vil	Pultenaea villosa	Hairy Bush-Pea	2m	✓	As shown	200mm	47
SYZ nor	Syzygium australe 'Northern Select'	Lilly Pilly	5m	✓	1.25m Ctrs	200mm	147
WES aus	Westringia fruticosa 'Aussie Box'	Westringia Aussie Box	0.8m	✓	As shown	200mm	267
WES gre	Westringia fruticosa 'Grey Box'	Westringia Grey Box	0.45m	✓	As shown	200mm	24
Grasses + G	Groundcover						
ASP ela	Aspidistra elatior	Cast Iron Plant	0.5m		4/m2 or 3/Lm	140mm	376
DIA cae	Dianella caerulea	Blue Flax-Lily	1m	✓	5/m2	Tubestock	641
DIA lon	Dianella longifolia	Flax Lily	1m	✓	5/m2	Tubestock	1288
DIA rev	Dianella revoluta	Native Flax	1m	✓	5/m2 or 4/Lm	Tubestock	1652
DIA sil	Dianella tasmanica 'Silver Streak'	Flax Lily	0.5m	✓	5/m2 or 4/Lm	140mm	543
DIC rep	Dichondra repens	Kidney Weed	0.1m	✓	6/m2	140mm	590
GOO hed	Goodenia hederacea	Goodenia	0.8m	✓	3/m2	140mm	577
HAR vio	Hardenbergia violacea	Purple Coral Pea	0.4m	✓	3/m2	140mm	527
LOM Ion	Lomandra longifolia	Spiny-Head Mat-Rush	0.5m	✓	5/m2	Tubestock	588
LOM fil	Lomandra filiformis	Wattle Mat Rush	0.5m	✓	5/m2	Tubestock	1030
LOM nya	Lomandra longifolia 'Nyalla'	Mat Rush	0.75m	✓	5/m2 or 4/Lm	Tubestock	350
MYO par	Myopoprum parvifolium 'Yareena'	Creeping Boobialla	0.15m	✓	3/m2 or 3/Lm	140mm	216
PAN pan	Pandorea pandorana	Wonga Wonga Vine	0.1m	✓	3/m2 or 3/Lm	140mm	231
POA lab	Poa labillardierei var. labillardierei	Common Tussock-Grass	1.2m	✓	5/m2	Tubestock	569
PRA pur	Pratia purpurascens	White Root	0.2m	✓	3/m2	140mm	430
THE aus	Themeda australis	Kangaroo Grass	1.5m	✓	5/m2	Tubestock	1094
-		Dwarf Periwinkle	0.1m		5/m2 or 4/Lm	140mm	233
VIN alb	Vinca minor 'Alba'	DWALLERINIIKIE	0.1111		J/IIIZ UI 4/LIII	140111111	200

Upper Levels Plant Schedule										
Code	Botanical Name	Common Name	Mature Height	Native	Spacing	Pot Size	Quantity			
Trees										
FIC LYR	Ficus lyrata	Fiddle Leaf Fig	7m		As shown	75L	3			
TRI LUS	Tristaniopsis laurina 'Luscious'	Water Gum	7m	✓	As shown	75L	6			
Shrubs										
BUX suf	Buxus sempervirens 'Suffruticosa'	Common Boxwood	1m		As shown	200mm	126			
PHI imp	Philodendron erubescens 'Imperial Green'	Imperial Green Philodendron	0.9m		As shown	200mm	108			
PHO ten	Phormium tenax	New Zealand Flax	2m		As shown	200mm	2			
WES gre	Westringia fruticosa 'Grey Box'	Westringia Grey Box	0.45m	✓	As shown	200mm	229			
Climbers	<u> </u>									
TRA jas	Trachelospermum jasminoides	Star Jasmine	0.6m		As shown	200mm	62			
*Plant nun	nbers to be finalised at Detailed Design / CC-Te	nder stage	-			•				

Code	Botanical Name	Common Name	Mature Height	Native	Spacing	Pot Size	Quantity
Grasses							
CAR app	Carex appressa	Tussock Sedge	1.0m	✓	8m2	Tubestock	318
DIA cae	Dianella caerulea	Blue Flax Lily	0.7m	✓	8m2	Tubestock	318
FIC nod	Ficinia nodosa	Knobby Club-Rush	1.2m	✓	8m2	Tubestock	318
MP cyl	Imperata cylindrica	Blady Grass	1.0m	✓	8m2	Tubestock	318
IUN usi	Juncus usitatus	Common Rush	1.2m	✓	8m2	Tubestock	318
LOM Ion	Lomandra longifolia	Mat Rush	1.0m	✓	8m2	Tubestock	318
POA sib	Poa sieberiana	Grey Tussock Grass	0.8m	✓	8m2	Tubestock	318
THE aus	Themeda australis	Kangaroo Grass	1.5m	✓	8m2	Tubestock	318

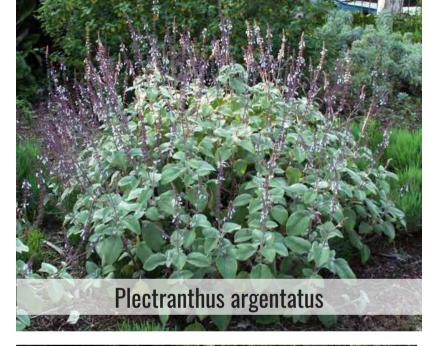
PLANT IMAGES











Vinca minor 'Alba'













Syncarpia glomulifera



Plant Schedule & Imagery

DWG No:



Architect:

Hale

Scale:	Date:	Job Number:	North:	Revision		FOR SSD - NOT FOR CONSTRUCTI		
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		Lidco	mbe, NSW 2141	C	05.05.22	FOR SSD	RJ	BG

Client:

Elaeocarpus eumundi