

SECTION C-C: TRUCK ENTRY/EXIT POINTS



Drawing Title:

Landscape Sections - Sheet 3

DWG No:

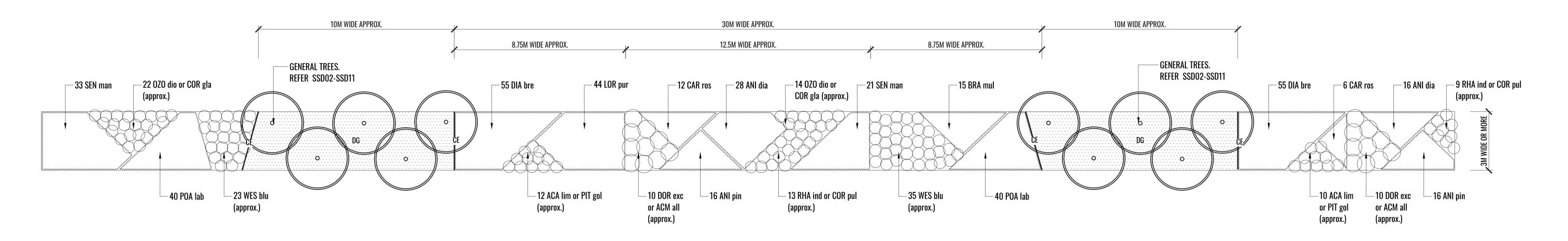
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Scale:	Date:	Job Number:	North:	Revis	ion	FOR DEVELOPMENT APPLICATION		
1:75 @ A1	15.00.00	00000		Rev	Date	Description	Drawn	Checked
1:150@ A3	15.06.20	200225		A	18.03.20	DRAFT FOR REVIEW	SB	BG
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Project: Proposed Warehouse, Lot 201		.0t ZUT	C	15.06.20	FOR DA	SB	BG	
	ESR Horsley Logistics Pa	ark , 327-335 Burley Ro	ad, NSW 2175					

TYPICAL LANDSCAPE DETAILS

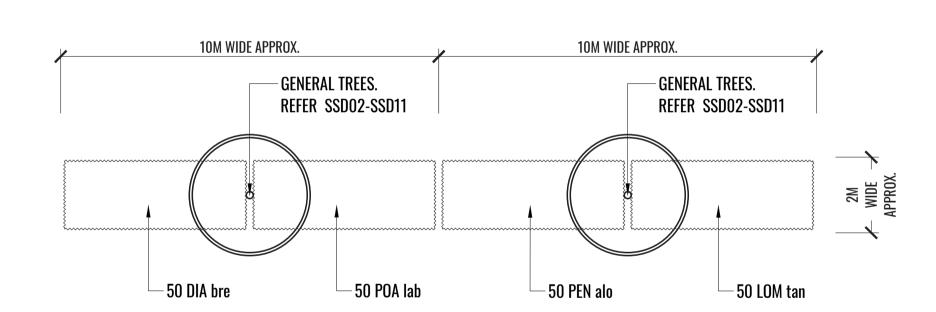


TREE/SHRUB SIZE AND QUALITY TO BE TO NATSPEC STANDARD. SPECIES IS TO BE AS PER PLAN AND PLANT SCHEDULE. ENSURE ONLY HEALTHY AND VIGOROUS, DISEASE FREE, WELL MAINTAINED PLANTS ARE USED.

TAKE CARE TO ENSURE FOLIAGE, BRANCHES, TRUNKS AND ROOT CROWNS ARE NOT DAMAGED BEFORE, DURING AND AFTER PLANTING.

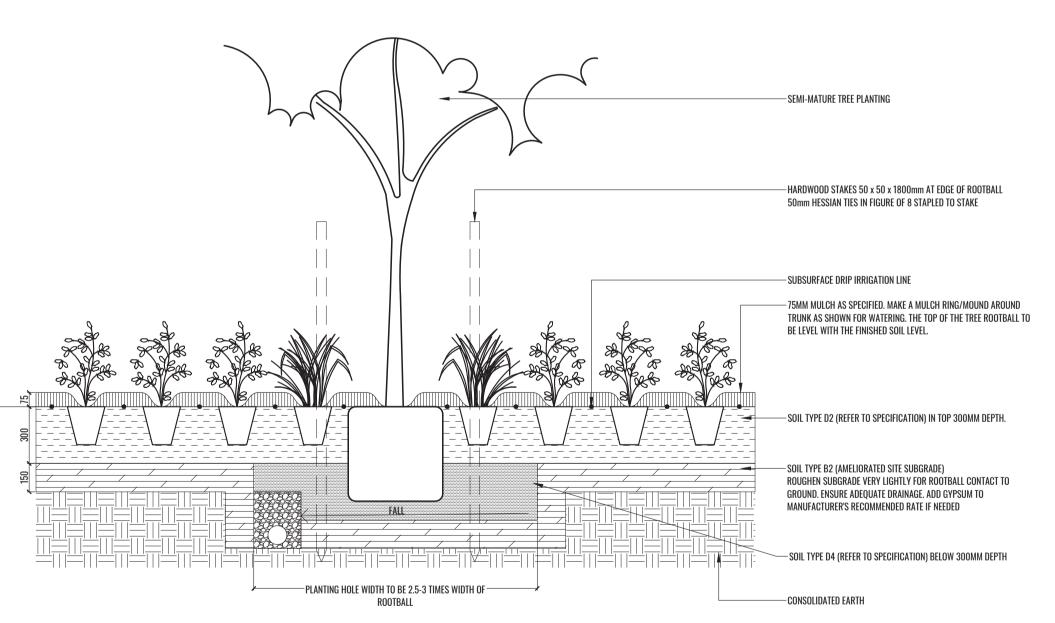
ENSURE OPTIMUM MAINTENANCE AND ESTABLISHMENT OF TREES/SHRUBS OCCURS AS SOON AS THEY ARE AT SITE





2 MATRIX B TYPICAL PLANTING LAYOUT

TYPICAL LAYOUT SCALE 1:100



THOROUGHLY SOAK THE ROOTBALL 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 OF THE SIDES AND BASE OF ROOTBALL (TO ROOD PRUNE IT) BEFORE CAREFULLY PLACING INTO PLANTING HOLE. IF NORTH IS MARKED ON THE TREE, ENSURE ORIENTATION IS CORRECT WITH NORTH MARKING TO THE NORTH.

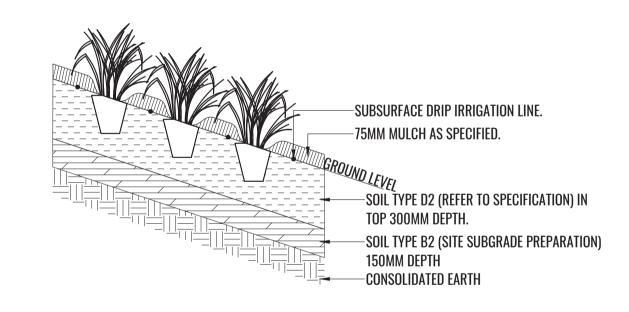
- REMOVE ANY STAKES, TIES AND LABELS. WATER ROOTBALL THOROUGHLY.

- TOP OF ROOTBALL TO FINISH FLUSH WITH TOP OF SOIL

3 MASS PLANTING AND TREE DETAIL

TYPICAL SECTION SCALE 1:20

NATSPEC QUALITY PLANTS TO BE INSTALLED. FOR PLANT SPECIES, QUANTITIES AND SIZE, REFER TO LANDSCAPE PLAN AND PLANTING SCHEDULE



4 SLOPE PLANTING 1 IN 3 OR FLATTER TYPICAL DETAIL

TYPICAL SECTION SCALE 1:20

Drawing Title:

Typical Landscape DetailsDWG No:

LDA-13







ale:	Date:	Job Number:	Number: North: Revision		ion	FOR DEVELOPMENT APPLICATION			
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SPECIFICATION & 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 works under normal use. The landscape works under normal use.

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.

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 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

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 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 AS4419. (Simon Leake & Elke Haege 2017).







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PLANTING SCHEDULE

PLANT CODE	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT	NATIVE	POT SIZE	PLANTING DENSITY	QTY**
General ti	rees					DEMOILI	
BRA POP	Brachychiton populneus	Kurrajong	20m	√	100L	As Shown	23
FRA RAY	Fraxinus oxycarpa 'Raywoodii'	Claret Ash	15m		100L	As Shown	25
EUC MOL	Eucalyptus moluccana	Grey Box	25m	✓	100L	As Shown	2
GLE TRI	Gleditisia tricanthos 'Sunburst'	Golden Honey Locust	9m		100L	As Shown	4
LAG SIO	Lagerstroemia indica x fauriei 'Sioux'	Hot Musk Pink Crepe Myrtle	5m		100L	As Shown	2
PYR CAL	Pyrus calleryana 'Capital'	Ornamental Pear	9m		100L	As Shown	2
SYN GLO	Syncarpia glomulifera	Turpentine Tree	30m	✓	100L	As Shown	6
TRI LAU	Tristaniopsis laurina 'Luscious'	Water Gum Tree	15m	✓	100L	As Shown	13
WAT FLO	Waterhousea floribunda 'Green Avenue'	Weeping Lilly Pilly	15m	✓	100L	As Shown	19
Shrubs							
ACA lim	Acacia 'Limelight'	Limelight Acacia	0.5-1m	✓	200mm	As Shown	88
ACM all	Acmena 'Allyn Magic'	Lilly Pilly	0.5m	✓	200mm	As Shown	80
COR gla	Correa glabra	Rock Correa	0.6m	✓	200mm	As Shown	225
COR pul	Correa pulchella 'Crimson Tide' TM	Crimson Tide Correa	0.5m	✓	200mm	As Shown	189
DOR exc	Doryanthes excelsa	Gymea Lilly	1.5m	✓	200mm	As Shown	111
OZO dio	Ozothamnus diosmifolius 'Radiance'	Native Rice flower	1.5m	✓	200mm	As Shown	169
PIT gol	Pittosporum 'Golf Ball'	Golf ball Pittosporum	0.5m		200mm	As Shown	109
RHA ind	Rhapheolepis indica 'Cosmic Pink'	Indian Hawthorn	0.5m		200mm	As Shown	182
WES blu	Westringia 'Blue Gem'	Native Rosemary	1-1.5m	√	200mm	750mm centres	266
Grasses &	groundcovers						
ANI dia	Anigozanthos 'Bush Diamond'	Kangaroo Paw	0.6m	√	140mm	4/m2	230
ANI pin	Anigozanthos 'Bush Pearl Pink'	Kangaroo Paw	0.6m	√	140mm	4/m2	174
BRA mul	Brachyscombe multifida 'White Delight'	Rock Daisy	0.3m	√	140mm	3/m2	60
CAR ros	Carpobrotus rossii 'White Hot'	Native Pigface	0.3m	√	140mm	3/m2	150
DIA bre	Dianella caerulea 'Breeze' TM	Native Flax	0.5m	✓	Tubestock	5/m2	1215
LOR pur	Loropetalum 'Purple Pixie' TM	Purple Loropetuum	0.5m		140mm	4/m2	212
LOM tan	Lomandra longifolia 'Tanika' TM	Mat-rush	0.5m	√	Tubestock	5/m2	739
PEN alo	Pennisetum alopecuroides	Swamp Fountain Grass	1m	√	Tubestock	5/m2	694
POA lab	Poa labillardieri	Tussock Grass	1m	√	Tubestock	5/m2	1385
SEN man	Senecio mandraliscae	Blue Chalksticks	0.3m		140mm	3/m2	250
Bio-reten	tion planting						
CYM ref	Cymbopogon refractus	Barbed wire grass	1m	√	Tubestock	10/m2	288
DIC mic	Dichelachne micrantha	Short-hair plumegrass	1.5m	√	Tubestock	10/m2	288
FIC nod	Ficinia nodosa	Knobby Club Rush	1.5m	√	Tubestock	10/m2	288
JUN usi	Juncus usitatus	Common Rush	1.2m	√	Tubestock	10/m2	288
			i	1	i e		4

^{**} Approximate numbers based on typical landscape details. Final numbers to be confirmed at CC / Construction stage.

PLANT IMAGES



Gleditsia tricanthos 'Sunburst'











Doryanthes excelsa



Rhapheolepis indica 'Cosmic Pink'



Poa labillardieri



Lagerstroemia indica x fauriei 'Sioux'

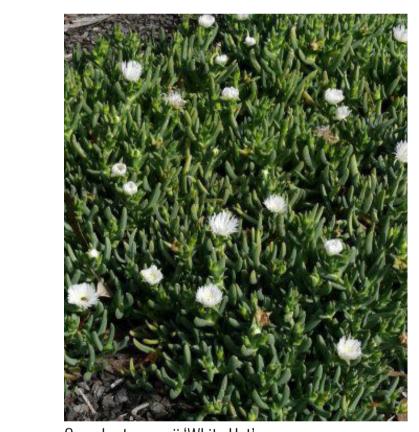
Ozothamnus diosmifolius 'Radiance'

Anigozanthos 'Bush Diamond'





Pittosporum 'Golf Ball'





Drawing Title:

Planting Schedule & Imagery DWG No:

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Loropetulum 'Purple Pixie'

ESR Horsley Logistics Park, Horsley Park, NSW 2175

Landscape Documentation for State Significant Development



IMAGE TAKEN FROM NEARMAP 2020

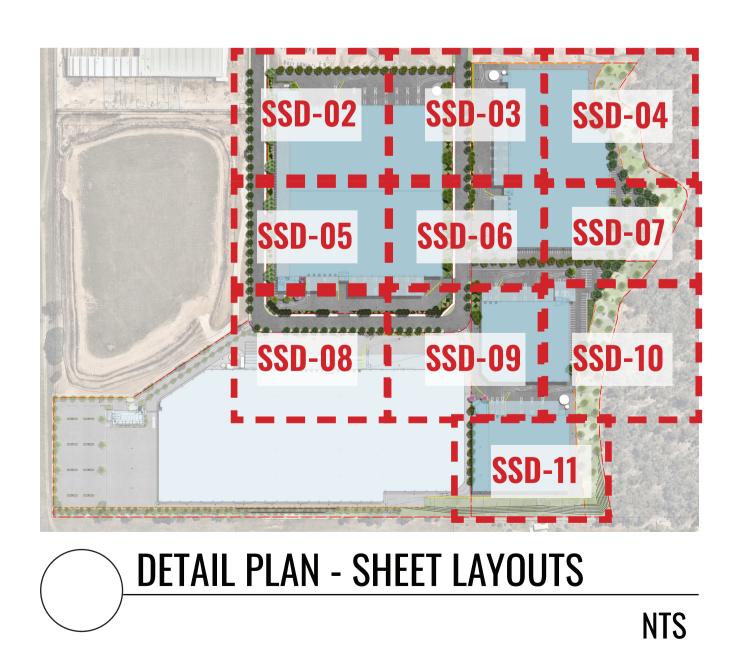
Drawing Register

Dwg No. Drawing Name

SSD-00	Landscape Cover Sheet
SSD-01	Overall Landscape Master Plan
SSD-02	Landscape Detail Plan - Sheet 1
SSD-03	Landscape Detail Plan - Sheet 2
SSD-04	Landscape Detail Plan - Sheet 3
SSD-05	Landscape Detail Plan - Sheet 4
SSD-06	Landscape Detail Plan - Sheet 5
SSD-07	Landscape Detail Plan - Sheet 6
SSD-08	Landscape Detail Plan - Sheet 7
SSD-09	Landscape Detail Plan - Sheet 8
SSD-10	Landscape Detail Plan - Sheet 9
SSD-11	Landscape Detail Plan - Sheet 10
SSD-12	Landscape Sections - Sheet 1
SSD-13	Landscape Sections - Sheet 2
SSD-14	Typical Landscape Details

Specifications & Maintenance Plan

Planting Schedule & Imagery





SITE PLAN

Drawing Title:

SSD-15

SSD-16

Landscape Cover Sheet

DWG No:

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Scale:	Date:	Job Number:	North:	Revis	ion	FOR STATE SIGNIFIC	ANT DEV	ELOPMENT
1:2000 @ A1	15.00.00	000004		Rev	Date	Description	Drawn	Checked
1:4000 @ A3	15.06.20	200224		A	12.03.20	DRAFT FOR REVIEW	SB	BG
D : 1	ESR Horsley Logistics Park		В	30.03.20	FOR SSD APPLICATION	SB	BG	
Project:			Park	C	15.06.20	FOR SSD APPLICATION	SB	BG
		327-335 Burlev R	oad. NSW 2175					