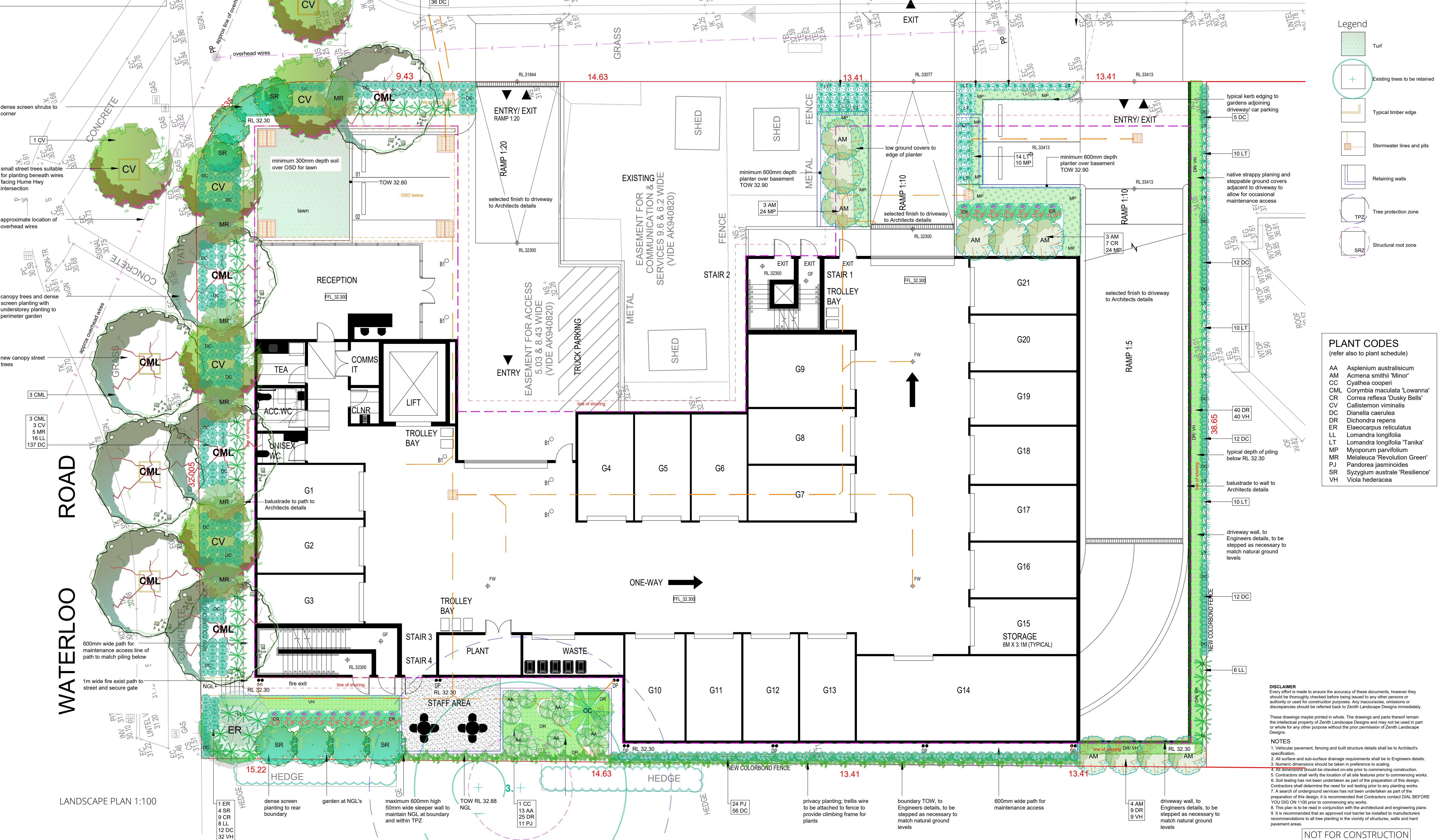
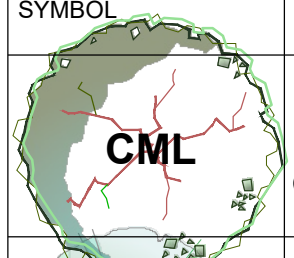
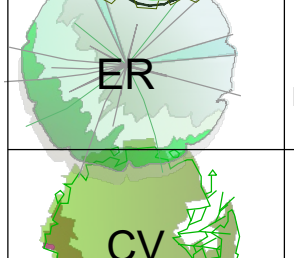
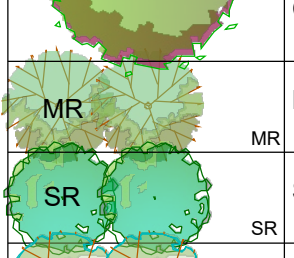
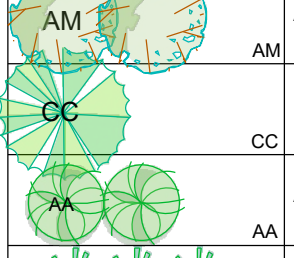
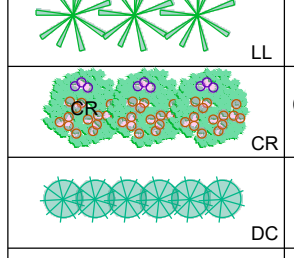
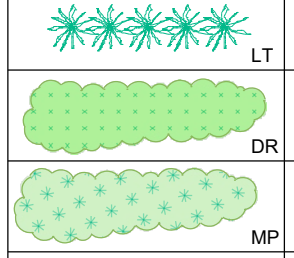
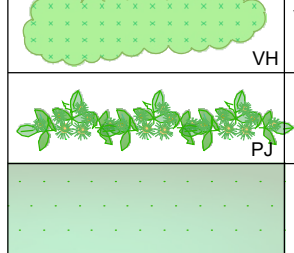


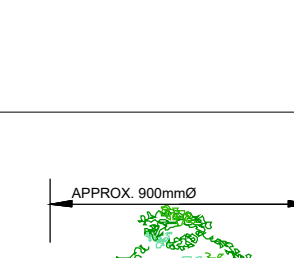
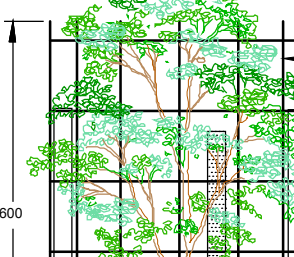
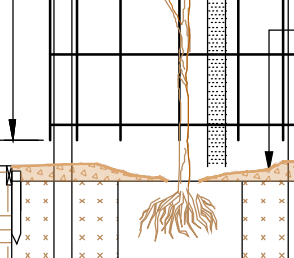
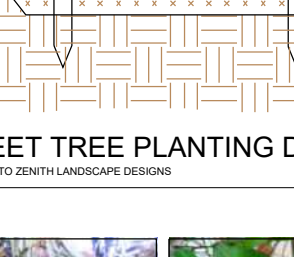
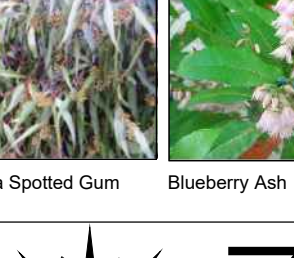




IRRIGATION NOTE  
1. Common mass planted beds will require a fully automated irrigation system which is to be designed and installed by an appropriately qualified irrigation consultant, Landscape Contractor or tradesperson prior to planting.  
2. The irrigation system shall be designed and installed in accordance with all relevant Australian Standards and the current water restrictions. That are in place at the time of construction.  
3. The design of the irrigation system shall only be carried out after water pressure testing has been undertaken.  
4. The irrigation system shall be installed and in full working order prior to any planting works taking place.  
5. The site superintendent and all other relevant personnel shall be fully conversant with the operational requirements of the system prior to planting taking place.





PLANT SCHEDULE      ★ native species						
SYMBOL	SPECIES	No.	Pot Size	Mat. Hgt.	Stake	COMMON NAME
	★ <i>Corymbia maculata</i> 'Lowanna'	7	25ltr	10m+	yes	Lowanna Spotted Gum
	★ <i>Elaeocarpus reticulatus</i>	1	45ltr	7m+	yes	Blueberry Ash
	★ <i>Callistemon viminalis</i>	6	25ltr	6m+	yes	Weeping Bottlebrush
	★ <i>Melaleuca</i> 'Revolution Green'	6	5ltr	4m	no	Revolution Green
	★ <i>Syzygium australe</i> 'Resilience'	8	25ltr	4m	no	Brush Cherry
	★ <i>Acmena smithii</i> 'Minor'	10	5ltr	2.5m	no	Small Leaf Lilly Pilly
	★ <i>Cyathea cooperi</i>	1	5ltr	3m	no	Straw Tree Fern
	★ <i>Asplenium australasicum</i>	13	5ltr	1m	no	Birds Nest Fern
	★ <i>Lomandra longifolia</i>	37	150mm	1m	no	Mat Rush
	★ <i>Correa reflexa</i> 'Dusky Bells'	16	150mm	0.8m	no	Native Fuschia
	★ <i>Dianella caerulea</i>	282	100mm	0.5m	no	Flax Lily
	★ <i>Lomandra longifolia</i> 'Tanika'	87	100mm	0.5m	no	Dwarf Mat Rush
	★ <i>Dichondra repens</i>	74	150mm	g/cover	no	Native Kidney Plant
	★ <i>Myoporum parvifolium</i>	70	150mm	g/cover	no	Creeping Boobialla
	★ <i>Viola hederacea</i>	81	150mm	g/cover	no	Native Violet
	★ <i>Pandorea jasminoides</i>	35	5ltr	climber	trellis	Bower Vine
	Sapphire Buffalo Turf					

LANDSCAPE GUIDELINES	
<b>1. GENERAL</b>	
1.1. The Contractor shall familiarise themselves with the site prior to tender.	
1.2. The Contractor will be held responsible for any damage to utility services, pipes, building structures, paving surfaces, fencing, footways, kerbs, roads and existing plant material.	
1.3. The site is to be left in a clean and tidy condition at the completion of works to the satisfaction of the Superintendent.	
1.4. No work involving an extra shall be undertaken unless approval is first obtained from the Superintendent.	
1.5. No substitute of material shall be made unless approval is given by the Superintendent.	
1.6. The Contractor shall continuously maintain all areas of the Contract during progress of the works specified.	
<b>2. SITE PREPARATION</b>	
2.1. Prepared sub-grade is to be free of stones larger than 100mm diameter, cement, rubbish and any other foreign matter that could hinder plant growth.	
<b>3. MASS PLANTED AREAS</b>	
3.1. Once clear of weed growth, grass and debris, sub-grade should be cultivated to a minimum depth of 150mm incorporating 'Dynamic Lifter' or equivalent at the manufacturers recommended rates.	
3.2. Weeds shall be controlled by a combination of chemical and hand removal techniques.	
<b>4. PLANTING</b>	
4.1. All plant material is to be hardened off, disease and insect free and true to species, type and variety. Plants are to be well grown but not root bound and shall comply with NatSpec - "Guide to Purchasing Landscape Trees", AS 2303 - 2016, Tree Stock for Landscape use and NATSPEC Specifying Trees: a guide to assessment of tree quality (2003)	
4.2. All plants are to be removed from their containers prior to planting with as little disturbance to the root system as possible.	
4.3. Planting shall not be carried out in dry soil or extreme weather conditions.	
4.4. Plants should be planted at the same depth as the plants were in the containers and allow for a shallow saucer of soil to be formed around the plant to aid the penetration of water.	
4.5. All plant material should be watered thoroughly immediately after planting.	
4.6. The Contractor shall be responsible for the failure of plants during construction, except for acts of vandalism.	
4.7. Labels shall be removed entirely from the plants.	
<b>5. STAKING</b>	
5.1. Trees should be firmly attached to the stakes, in a way to avoid damage to the stem while allowing a small degree of movement.	
<b>6. TURF AREAS</b>	
6.1. All imported soil to meet AS4419 Soils for Landscaping and Garden Use	
6.2. Topsoil shall be 'SmartMix 2 premium Organic Turf Rootzone' as supplied by Benedict or equivalent	
6.3. Turf areas should be cultivated before turfing by ripping or harrowing.	
6.4. At the completion of turfing the whole area shall be thoroughly soaked and kept moist till the completion of landscape works.	
<b>7. MULCH</b>	
7.1. All imported Composts, Soil conditioners and Mulches to meet AS 4454.	
7.2. Mulch for all general mass planted beds shall be 'Droughtmaster' mulch as supplied by A.N.L. or similar.	
7.3. Mulch for OSD basin or foodway garden beds shall be 20mm Nepean River Gravel or similar laid to a minimum 50mm depth.	
7.4. Lightweight mulch for planter boxes subject to wind loads shall be 10/20mm scoria or lava pebbles laid to a minimum 50mm depth	
<b>8. SOIL MIXES FOR PLANTING IN NATURAL SOIL ZONES</b>	
8.1. All imported soil to meet AS4419 Soils for Landscaping and Garden Use	
8.2. Soil mix for general mass planting shall be 3 parts site soil to 1 part 'Commercial Garden Mix' as supplied by Benedict or equivalent.	
8.3. Soil mix for street tree planting or individual tree planting in grass shall be 2 parts site soil to 1 part 'Commercial Garden Mix' as supplied by Benedict or equivalent	
<b>9. LIGHTWEIGHT SOIL MIXES FOR PLANTING OVER SLAB (NON PHOSPHORUS SENSITIVE PLANTS)</b>	
9.1. All imported soil to meet AS4419 Soils for Landscaping and Garden Use	
9.2. Horizon A Soil mix for planter boxes / planting over slab shall be 'SmartMix 5 'Lightweight Planter Subsoil' as supplied by Benedict or equivalent	
9.3. Horizon B Soil mix for planter boxes / planting over slab shall be 'SmartMix 5 'Lightweight Planter Subsoil' as supplied by Benedict or equivalent	
<b>MAINTENANCE</b>	
1. These works shall be in addition to the construction contract.	
2. The Contractor shall commence and fully implement the short term maintenance after Practical Completion has been confirmed by the Superintendent.	
3. The Contractor shall carry out maintenance works for a minimum period of 26 weeks	
4. Maintenance works shall include the following works :	
a. Mow lawns and trim edges each 10 days in summer and each 14 days in winter.	
b. Water all planting and lawn areas in order to ensure adequate soil moisture at all times.	
c. Remove any weed growth from all planting areas.	
d. Spray and control pests and diseases as required.	
e. Replace plants which fail with plants of similar size and quality as originally planted.	
f. Adjust ties to trees as necessary.	
g. Make good any erosion or soil subsidence which may occur.	
h. Maintain all mulched areas in a clean and tidy condition to the depth as originally specified.	
i. Make good any defects or faults arising from defective workmanship.	
Note: The Contractor is not to be held responsible for the theft or vandalism of any plants during the maintenance period	
5. Advanced trees shall be individually inspected at least once a month in order to determine their health and vigour. Should the trees exhibit any signs of disease, pest infestation or poor growth then a qualified arborist shall be consulted within 14 days in order to determine the most appropriate course of action. Recommended treatment shall then be commenced within 7 days and shall continue until the problem is resolved.	
6. When the maintenance period is completed the Contractor shall notify the Superintendent. The site shall then be inspected and if to the satisfaction of the Superintendent the responsibility will be handed over to the Client for on-going maintenance.	



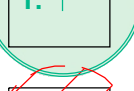

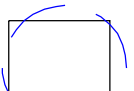
WATERLOO ROAD

EXISTING TREE PLAN 1:200

Tree #	Botanical Name (Common Name)	Height (m)	Canopy (m)	SAH (mm)	DAH (mm)	TPZ (m)	SRZ (m)	TPZ Encroachment	SRZ Encroachment	SRZ	Retention Value	Action
1	<i>Platycodon orientalis</i> (Oriental Arbutus)	5	3	150	180	2.00	1.61	100% - Located inside the footprint	100% - Located inside the footprint	2A	Low	Remove
2	<i>Platycodon orientalis</i> (Oriental Arbutus)	5	3	150	180	2.00	1.61	100% - Located inside the footprint	100% - Located inside the footprint	2A	Low	Remove
3	<i>Acacia guthrieana</i> (River Red Gum)	15	12	710	750	8.52	2.99	9.8% - Minor encroachment	9.8% - Minor encroachment	2D	Moderate	Retain

REFER TO ARBORIST REPORT AS PREPARED BY ARBOR EXPRESS FOR DETAILED TREE INVENTORY, TREE PROTECTION AND TREE MAINTENANCE REQUIREMENTS

Legend

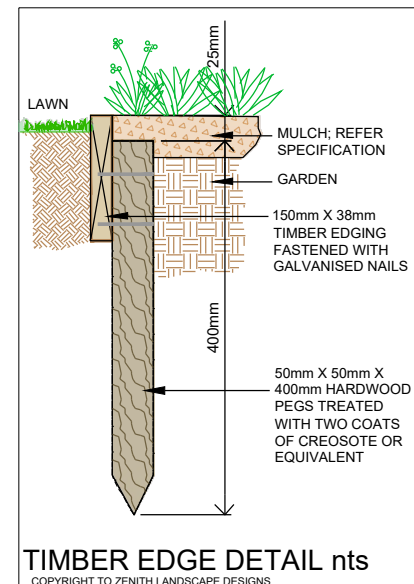
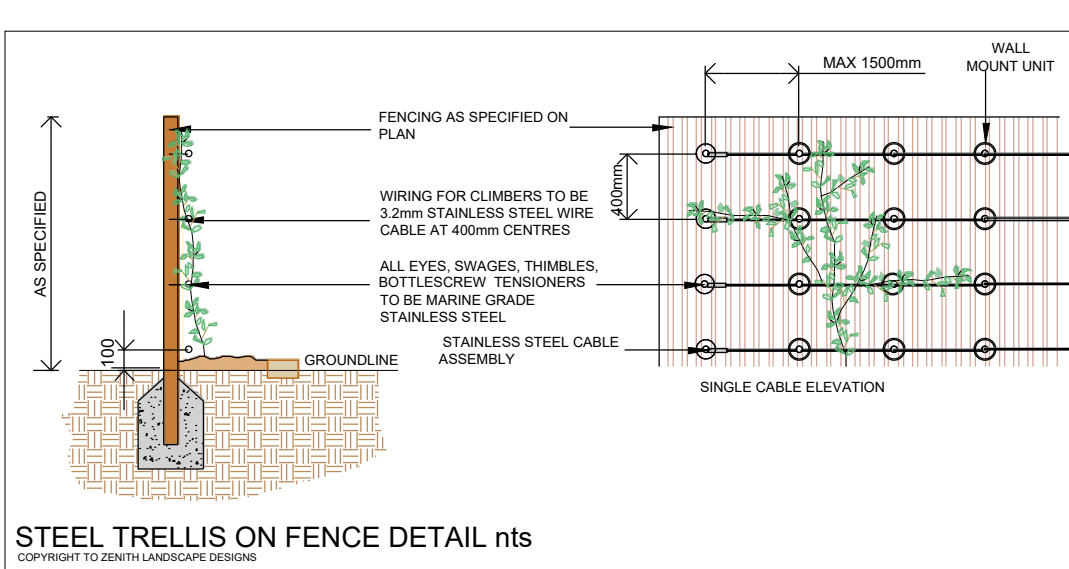
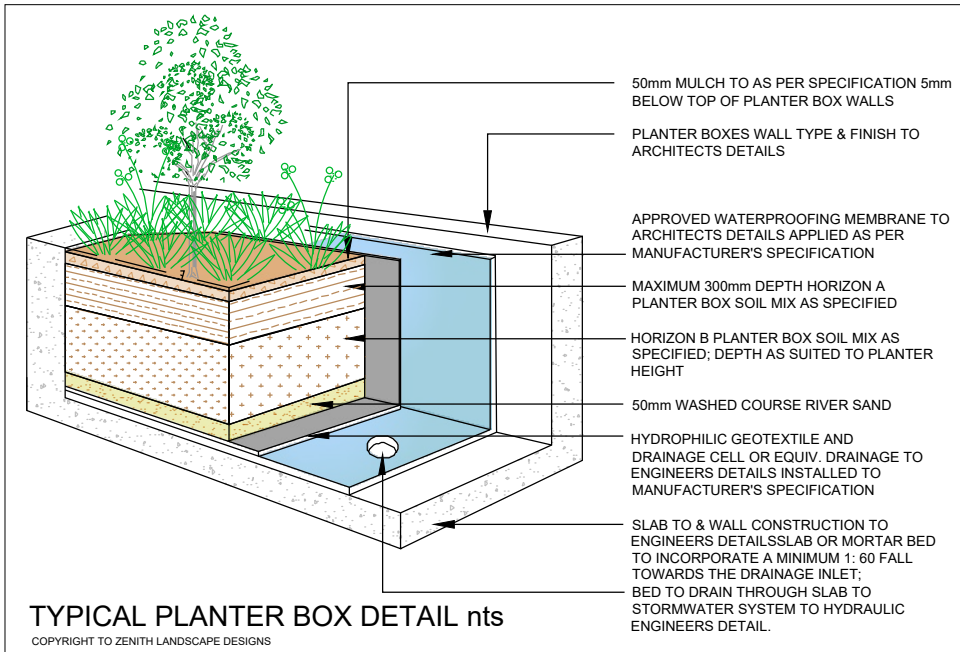
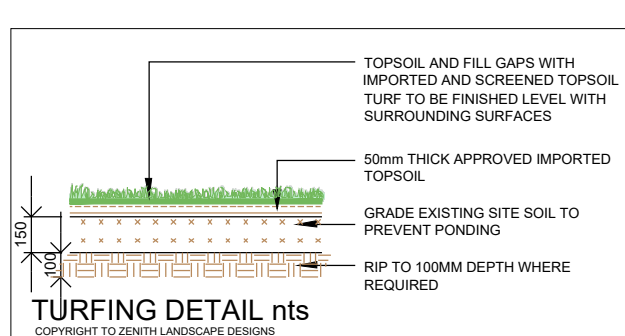
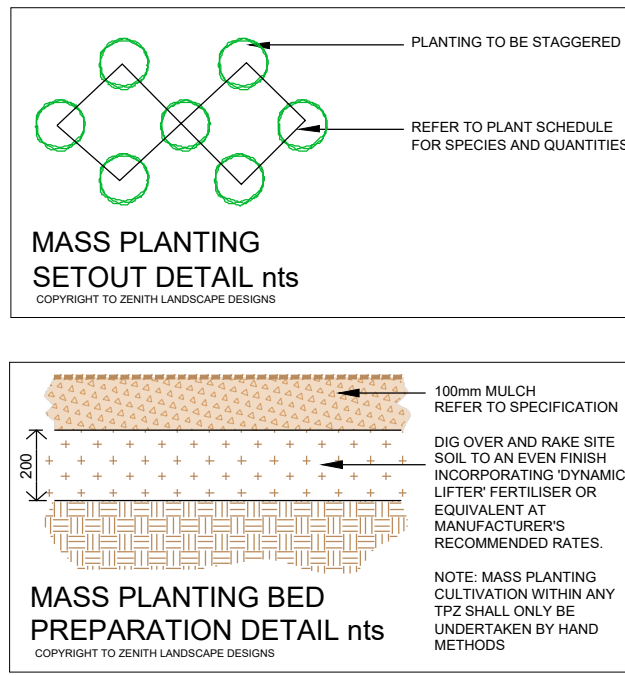
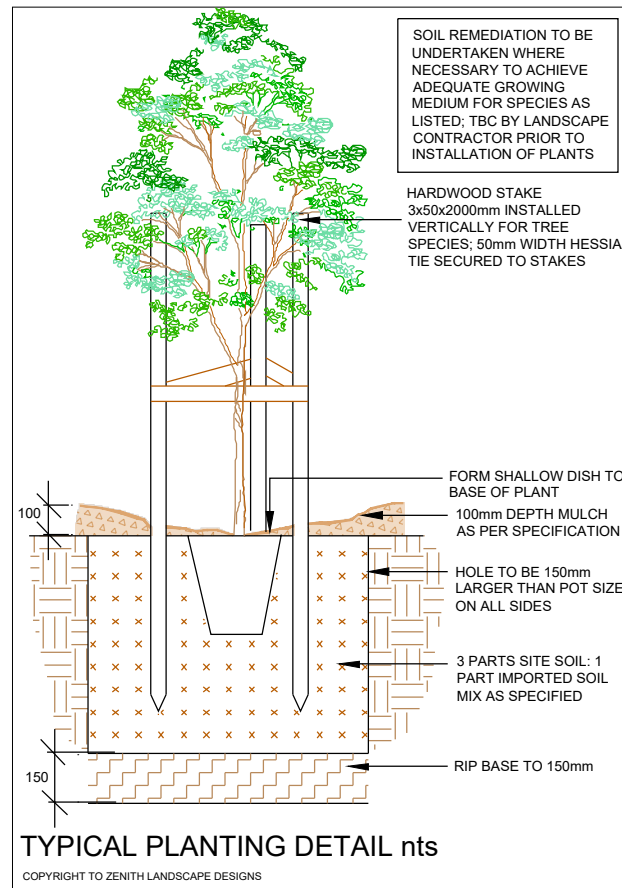
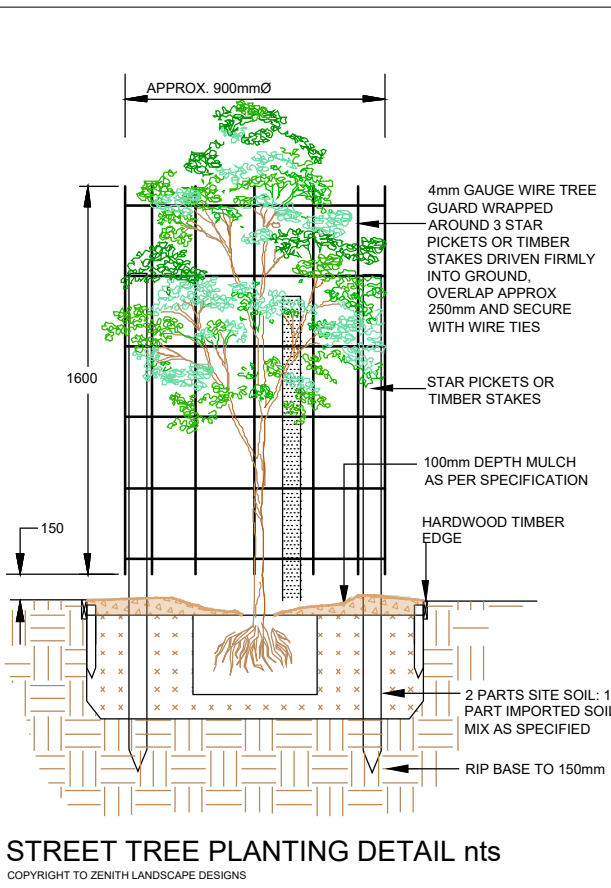
-  Proposed basement line
-  Existing trees to be retained
-  Existing trees to be removed
-  Tree protection zone
-  Structural root zone



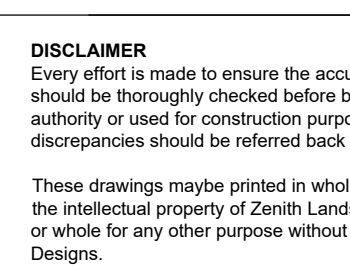
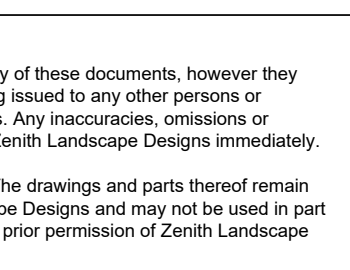

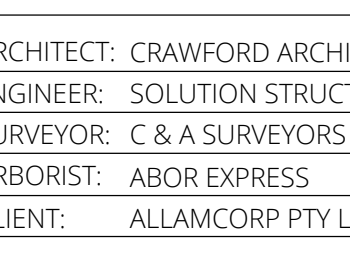
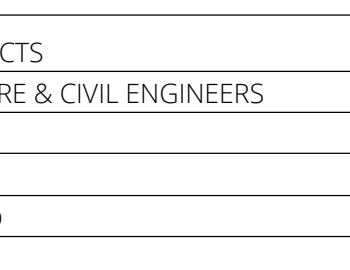
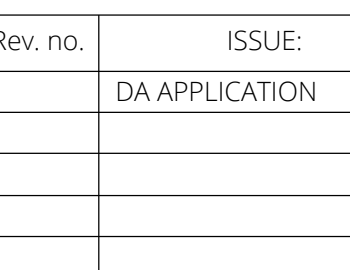

**DISCLAIMER**  
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These drawings may be printed in whole. The drawings and parts thereof remain the intellectual property of Zenith Landscape Designs and may not be used in part or whole for any other purpose without the prior permission of Zenith Landscape Designs.

- NOTES**
- Vehicular pavement, fencing and built structure details shall be to Architect's specification.
  - All surface and sub-surface drainage requirements shall be to Engineers' details.
  - Numeric dimensions should be taken in preference to scaling.
  - All dimensions should be checked on-site prior to commencing construction.
  - Contractors shall verify the location of all site features prior to commencing works.
  - Soil testing has not been undertaken as part of the preparation of this design; Contractors shall determine the need for soil testing prior to any planting works.
  - A search of underground services has not been undertaken as part of the preparation of this design; it is recommended that Contractors contact DIAL BEFORE YOU DIG ON 1100 prior to commencing any works.
  - This plan is to be read in conjunction with the architectural and engineering plans.
  - It is recommended that an approved root barrier be installed to manufacturers recommendations to all tree planting in the vicinity of structures, walls and hard pavement areas.

NOT FOR CONSTRUCTION



																	
Ph: 9545 5200    info@zenithlandscapes.com.au		Registered Member		www.1100.com.au		ARCHITECT: CRAWFORD ARCHITECTS		ENGINEER: SOLUTION STRUCTURE & CIVIL ENGINEERS		SURVEYOR: C & A SURVEYORS		ARBORIST: ARBOR EXPRESS		CLIENT: ALLAMCORP PTY LTD		SCALE: AS SPEC. A1	

LANDSCAPE PLAN  
65-67 LAWFORD STREET  
GREENACRE

SCALE: AS SPEC. A1

PROJECT No: 24-5144 L02  
ISSUE: DA  
DRAWN: MG  
SHEET: 2 OF 2  
REVISION: