CLIENT:



HUNTER NEW ENGLAND NSW HEALTH LOOKOUT ROAD NEW LAMBTON T: 02 4921 4966 F: 02 4921 4969



# MANILLA COMBINED MPS / HEALTH ONE HOSPITAL REDEVELOPMENT

COURT STREET, MANILLA, NSW, 2346

**ATTACHMENT 5** 





Coloured in-situ concrete pathway





Gravel border to garden beds



Gravel border to garden beds



Largerstroemia 'Natchez'



Goodenia 'Gold Cover' & Westringia





Eucalyptus albens & blakelyi





Callistemon 'Little John'



Acacia cognata 'Green Mist'





Anigozanthos 'Bush Gem



DRAWING NO: 001 (B1) ISSUE: G DATE: June 2009

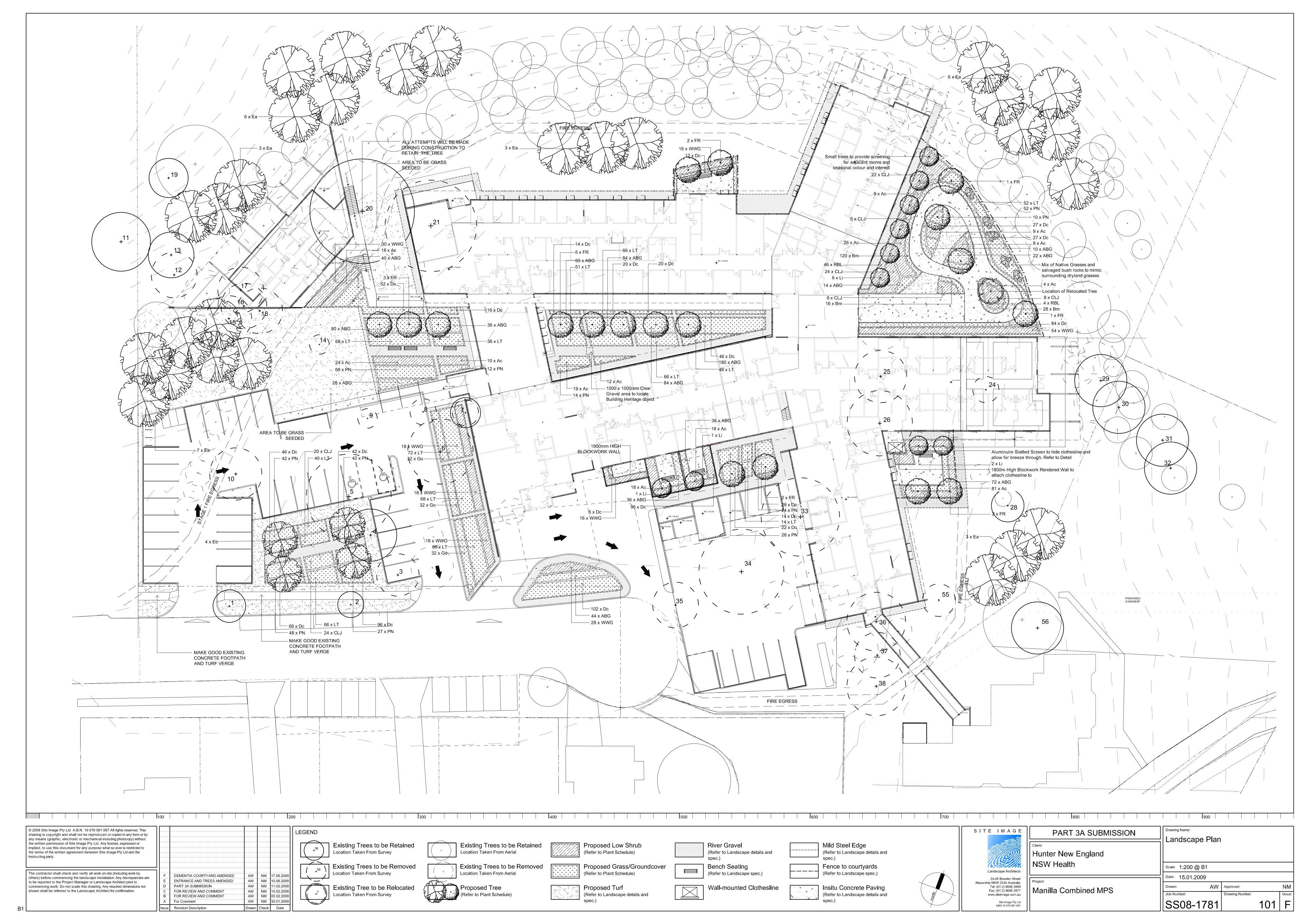
CLIENT: NSW Health ARCHITECT: Rice Daubney SI JOB NO: SS08-1781

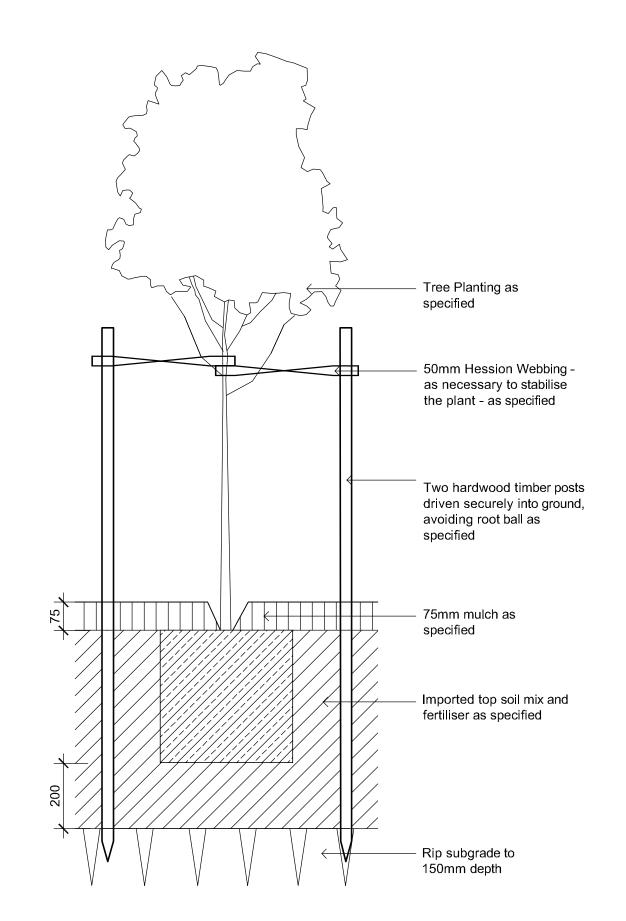


LANDSCAPE MASTERPLAN

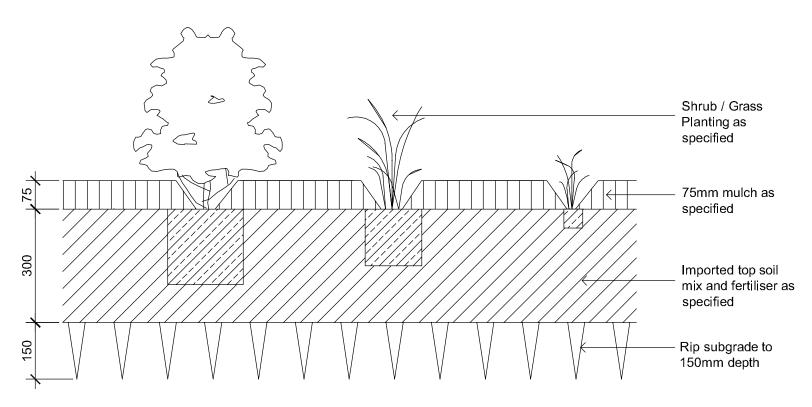


SITE IMAGE



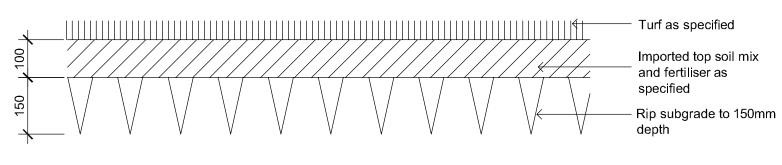


01 TREE PLANTING - ON GRADE



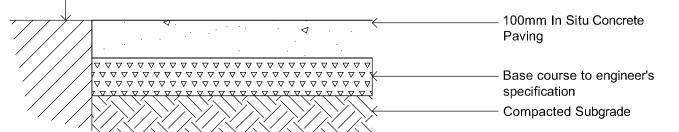
SHRUB ACCENT & NATIVE GRASS PLANTING - ON GRADE

SCALE 1:10

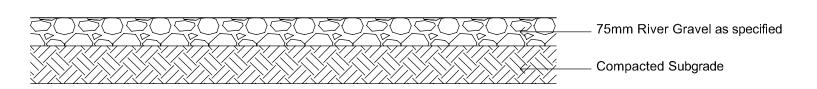


03 TURF - ON GRADE 501 SCALE 1:10

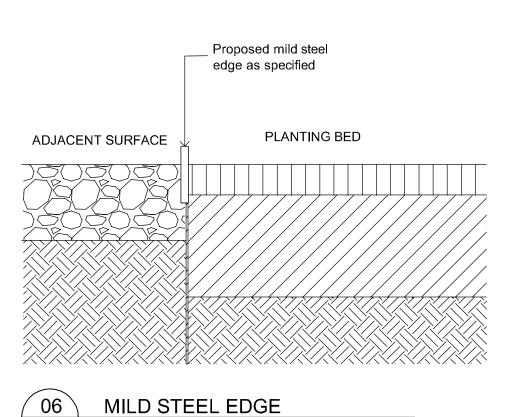
#### ------ Refer to Plans for Edge Detail



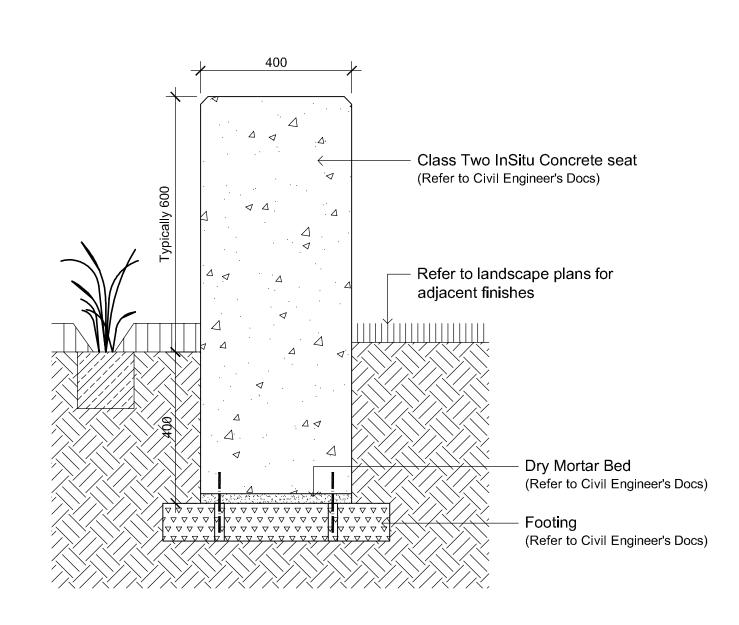
04 IN - SITU CONCRETE PAVING
501 SCALE 1:10



05 GRAVEL PAVING ON GRADE
501 SCALE 1:10

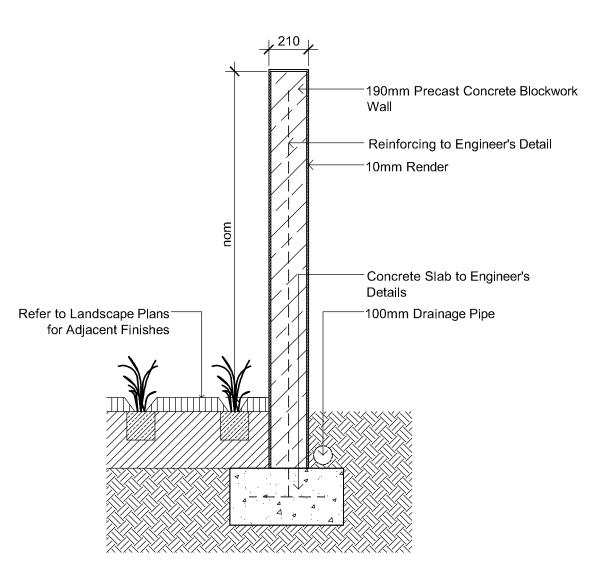


SCALE 1:10

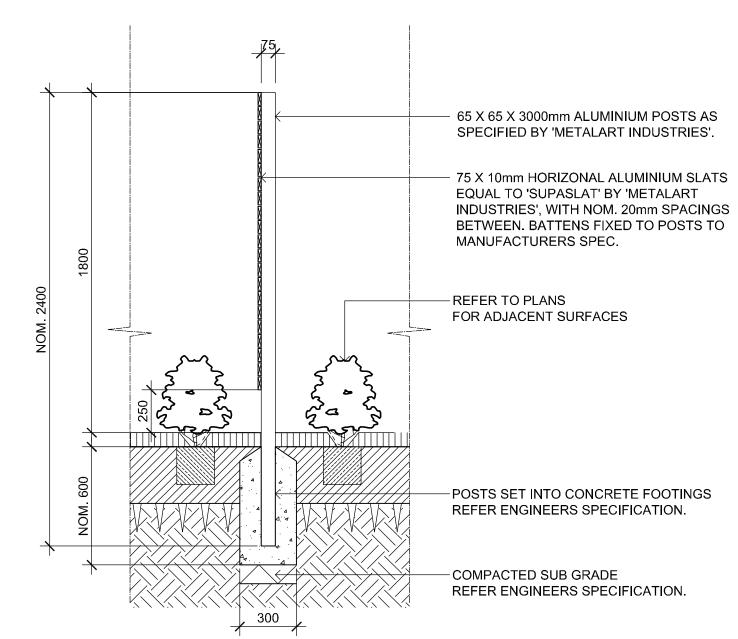


07 INSITU CONCRETE WALL
501 SCALE 1:10

781 Manilla Hospital nary Plant Schedule				
Botanic Name	Common Name	Mature Size	Pot Size	Quantity
		(h x w) (m)		
TREES				
Eucalyptus albens	White Box	25 x 10	45L	28
Eucalyptus blakelyi	Blakely's Red Gum	15-20 x 7	45L	4
Fraxinus 'Raywood'	Claret Ash	10 x 4	200L	18
Lagerstroemia indica 'Natchez'	White-Flowering Crepe Myrthle	4 x 2	200L	10
LOW SHRUBS AND ACCENTS				
Acacia cognata 'Green Mist'	Dwarf Bower Wattle	1 x 1	300mm	256
Callistemon 'Little John'	Dwarf Bottle Brush	1 x 1	300mm	112
Rosemarinus 'Blue Lagoon'	Rosemary	1.5 x 1	300mm	50
WWG Westringia 'Wynyabbie Gem'	Native Rosemary	1.5 x 1	300mm	198
GROUNDCOVERS AND GRASSES				
Anigozanthos 'Bush Gem'	Kangaroo Paw	1 x 0.4	150mm	742
Brachyscome multifida	Cut-Leaf Daisy	0.3 x 0.3	150mm	164
Dianella caerulea 'Breeze'	Blue Flax Lily	0.6 x 0.6	150mm	770
Goodenia ovata 'Gold Cover'	Goodenia	0.3 x	150mm	96
Lomandra longifolia 'Tanika'	Dwarf Mat Rush	0.5 x 0.4	150mm	727
Pennisetum alopecurioides 'Nafray'	Native Foxtail Grass	0.5 x 0.4	150mm	367
	TREES  Eucalyptus albens  Eucalyptus blakelyi  Fraxinus 'Raywood'  Lagerstroemia indica 'Natchez'  LOW SHRUBS AND ACCENTS  Acacia cognata 'Green Mist'  Callistemon 'Little John'  Rosemarinus 'Blue Lagoon'  Westringia 'Wynyabbie Gem'  GROUNDCOVERS AND GRASSES  Anigozanthos 'Bush Gem'  Brachyscome multifida  Dianella caerulea 'Breeze'  Goodenia ovata 'Gold Cover'  Lomandra longifolia 'Tanika'	TREES  Eucalyptus albens  Eucalyptus blakelyi  Fraxinus 'Raywood'  Lagerstroemia indica 'Natchez'  White-Flowering Crepe Myrthle  LOW SHRUBS AND ACCENTS  Acacia cognata 'Green Mist'  Callistemon 'Little John'  Rosemarinus 'Blue Lagoon'  Westringia 'Wynyabbie Gem'  Native Rosemary  GROUNDCOVERS AND GRASSES  Anigozanthos 'Bush Gem'  Brachyscome multifida  Cut-Leaf Daisy  Dianella caerulea 'Breeze'  Blue Flax Lily  Goodenia ovata 'Gold Cover'  Lomandra longifolia 'Tanika'  White Box  Blakely's Red Gum  Chash  White Box  Blakely's Red Gum  Chash  Seed Gum  White-Flowering Crepe Myrthle  Dwarf Bower Wattle  Dwarf Bower Wattle  Rosemary  Mattle Brush  Rosemary  Kangaroo Paw  Blue Flax Lily  Goodenia  Lomandra longifolia 'Tanika'  Dwarf Mat Rush	TREES  Eucalyptus albens  Eucalyptus blakelyi  Blakely's Red Gum  15-20 x 7  Fraxinus 'Raywood'  Claret Ash  Lagerstroemia indica 'Natchez'  White-Flowering Crepe Myrthle  4 x 2  LOW SHRUBS AND ACCENTS  Acacia cognata 'Green Mist'  Dwarf Bower Wattle  1 x 1  Callistemon 'Little John'  Rosemarinus 'Blue Lagoon'  Rosemary  1.5 x 1  Westringia 'Wynyabbie Gem'  Native Rosemary  1.5 x 1  GROUNDCOVERS AND GRASSES  Anigoz anthos 'Bush Gem'  Kangaroo Paw  1 x 0.4  Brachyscome multifida  Cut-Leaf Daisy  Dianella caerulea 'Breeze'  Blue Flax Lily  Codenia ovata 'Gold Cover'  Goodenia ovata 'Gold Cover'  Lomandra longifolia 'Tanika'  Dwarf Mat Rush  O.5 x 0.4	TREES  Eucalyptus albens  Eucalyptus blakelyi  Blakely's Red Gum  15-20 x 7  45L  Fraxinus 'Raywood'  Claret Ash  Lagerstroemia indica 'Natchez'  White-Flowering Crepe Myrthle  LOW SHRUBS AND ACCENTS  Acacia cognata 'Green Mist'  Dwarf Bower Wattle  1 x 1  300mm  Callistemon 'Little John'  Dwarf Bottle Brush  1 x 1  300mm  Rosemarinus 'Blue Lagoon'  Rosemary  Native Rosemary  1.5 x 1  300mm  Westringia 'Wynyabbie Gem'  Native Rosemary  1.5 x 1  300mm  GROUNDCOVERS AND GRASSES  Anigozanthos 'Bush Gem'  Kangaroo Paw  1 x 0.4  150mm  Brachyscome multifida  Cut-Leaf Daisy  Dianella caerulea 'Breeze'  Blue Flax Lily  0.6 x 0.6  150mm  Goodenia ovata 'Gold Cover'  Goodenia  Lomandra longifolia 'Tanika'  Dwarf Mat Rush  0.5 x 0.4  150mm



08 PRECAST CONCRETE BLOCK WALL WITH RENDERED FACING
501 SCALE 1:20



09 ALUMINIUM SCREEN - TYPICAL SECTION
501 SCALE 1:20

### INDICATIVE LANDSCAPE SPECIFICATION

#### 1.0 GENERAL NOTES

## 1.1 Workmanship and Materials

The whole of the landscape works shall be carried out by a competent Landscape Contractor who is experienced in horticultural practice, landscape construction and planting techniques. The Landscape Contractor shall hold a current Building Contractors License and / or be a financial member of the Landscape Contractors Association.

#### 2.0 EXISTING TREES

#### 2.1 Trees to be Retained and Protected

Identify and mark trees and shrubs to be retained using a suitable non-injurious, easily visible and removable means of identification. Protect from damage the trees and shrubs to be retained, including those beyond the site area, both above and below the ground. If a tree becomes damaged during the works or it is proposed to perform work on a tree, give written notice immediately and obtain instructions.

#### 2.2 Work near Trees

Keep the area of the drip-line free from construction material and debris. Do not place bulk materials and harmful materials under or near trees. Do not place spoil from excavations against tree trunks. Prevent wind-blown materials such as cement from harming trees and plants. Do not remove topsoil from, or add topsoil to, the area within the drip-line of trees.

#### 3.0 SOFTSCAPE ELEMENTS

#### 3.1 Soil Testing

Undertake at least two (2) soil tests, in locations as advised by Project Manager, and provide results and recommendations for the improvement of plant growth and to adjust the soil to achieve appropriate planting medium (including pit levels) for successful plant growth.

#### 3.2 Subsoil

Excavate all garden beds to bring the subsoil to at least 300mm below finished design levels. Shape the subsoil to fall to subsoil drains where applicable. Do not excavate within the drip line of trees to be retained. Excavate all turf areas to bring the subsoil to at least 100mm below finished design levels. Shape the subsoil to fall to subsoil drains where applicable. Do not excavate within the drip line of trees to be retained. Cultivate the subsoil to a further depth of 100mm. Remove stones exceeding 25mm, clods of earth exceeding 50mm, and weeds, rubbish or other deleterious material brought to the surface during cultivation. Do not disturb services or tree roots, if necessary cultivate these areas by hand. During cultivation, thoroughly mix in materials required to be incorporated into the subsoil, as recommended in the soil testing results and to manufacturer's recommendations. Trim the surface to design levels after cultivation.

#### 3.3 Topsoil

Import topsoil for the garden and turf areas, unless the topsoil can be provided from material recovered from the site, as recommended in the soil testing results. Spread the topsoil on the prepared subsoil and grade evenly, compact lightly and uniformly in 150mm layers. Avoid differential subsidence and excess compaction and produce a finished topsoil surface which has the following characteristics:

- Finished to design levels, allowing for mulch or turf, which is to finish flush with
- adjoining hard surfaces such as paths and edge,
- Smooth and free from stones or lumps of soil,Graded to drain freely, without ponding, to catchment points,
- Graded evenly to adjoining surfaces, and

# Ready for planting.3.4 Compost

Provide, in accordance with AS 4454, well rotted vegetative material or animal manure, free from harmful chemicals, grass and weed growth.

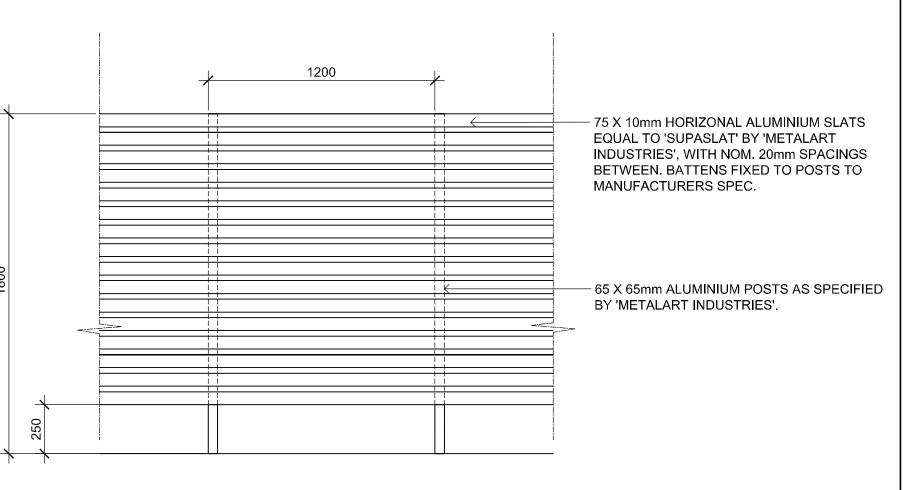
# 3.5 Fertiliser

Provide proprietary fertilisers, delivered to the site in sealed bags marked to show manufacturer or vendor, weight, fertiliser type, N:P:K ratio, recommended uses and application rates.

# 3.6 Plants

Supply plants in accordance with the landscape drawings and schedules, which have the following characteristics:

- Large healthy root systems, with no evidence of root curl, restriction or damage,
- Vigorous, well established, free from disease and pests, of good form consistent with the species or variety,
- Hardened off, not soft or forced, and suitable for planting in the natural climatic conditions prevailing at the site, and in particular shade conditions,
- Grown in their final containers for not less than twelve weeks,
- Trees, unless required to be multi-stemmed, shall have a single leading shoot, and
- Containers shall be free from weeds and of appropriate size in relation to their container.



10 ALUMINIUM SCREEN - TYPICAL ELEVATION
501 SCALE 1:20

800 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 1 PART 3A SUBMISSION 2008 Site Image Ptv Ltd A.B.N. 19 076 561 067 All rights reserved. This LEGEND drawing is copyright and shall not be reproduced or copied in any form or by Landscape Details any means (graphic, electronic or mechanical including photocopy) without the written permission of Site Image Pty Ltd. Any license, expressed or implied, to use this document for any purpose what so ever is restricted to the terms of the written agreement between Site Image Pty Ltd and the Hunter New England NSW Health Scale: As Shown @ B1 Landscape Architects The contractor shall check and verify all work on site (including work by PLANTING AMENDED Date: 04.02.2009 others) before commencing the landscape installation. Any discrepancies are 24-26 Bowden Street ENTRANCE AND TREES AMENDED AW NM 10.06.2009 to be reported to the Project Manager or Landscape Architect prior to Alexandria NSW 2015 Australia PART 3A SUBMISSION AW NM 11.02.2009 AW Approved: commencing work. Do not scale this drawing. Any required dimensions not Tel: (61 2) 9698 2899 Manilla Combined MPS shown shall be referred to the Landscape Architect for confirmation. FOR REVIEW AND COMMENT Fax: (61 2) 9698 2877 AW NM 10.02.2009 www.siteimage.com.au AW NM 05.02.2009 FOR REVIEW AND COMMENT AW NM 30.01.2009 A For Comment Site Image Pty Ltd ABN 19 076 561 067 SS08-1781 501 | F Drawn Check Date ssue Revision Description