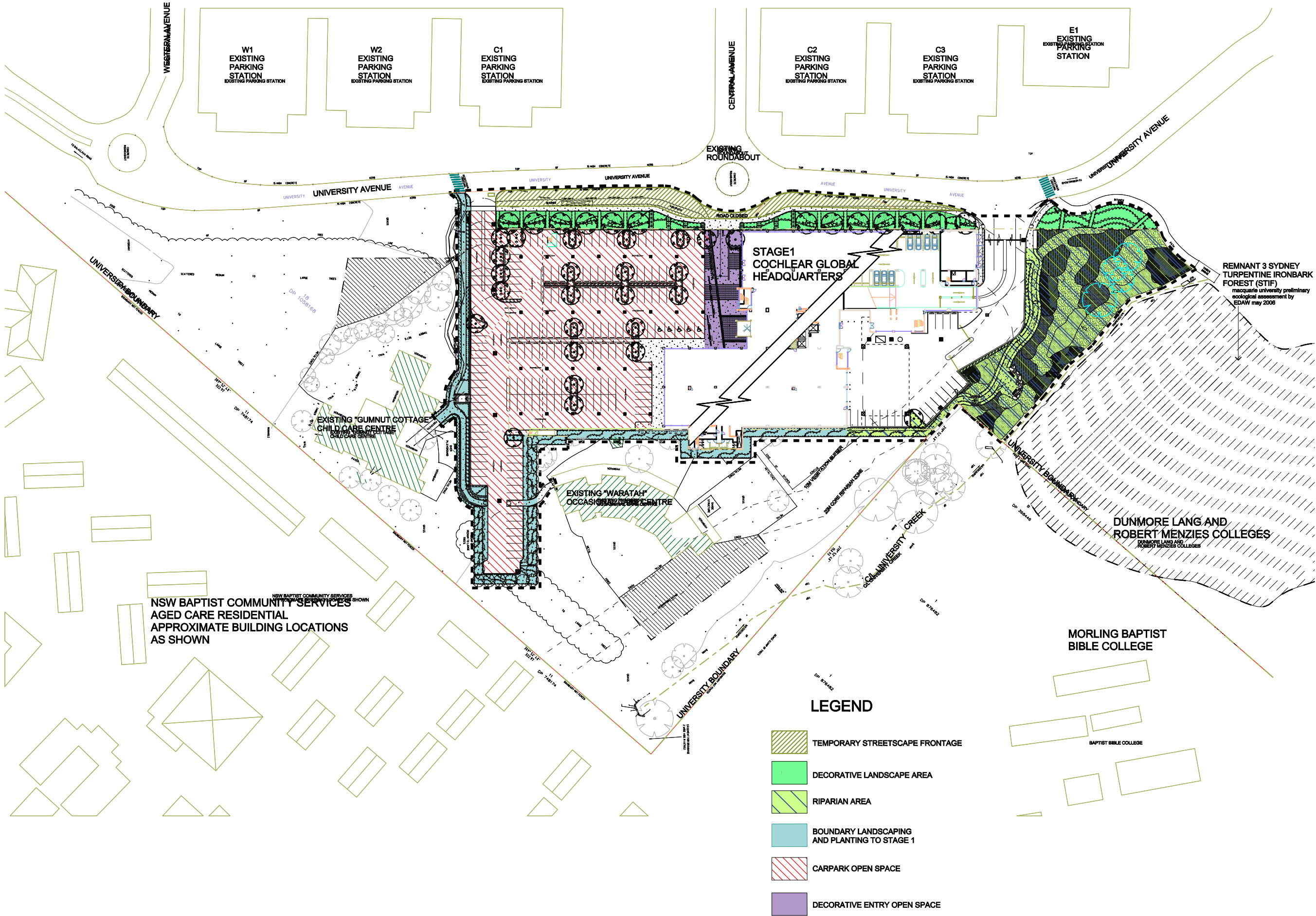




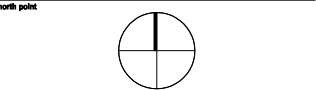
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| amendments |          | verified |       |
|------------|----------|----------|-------|
| no.        | date     | by       | chk'd |
| ad1        | 15.04.08 | ab       | pn    |
| ad2        | 17.08.08 | pn       | ab    |



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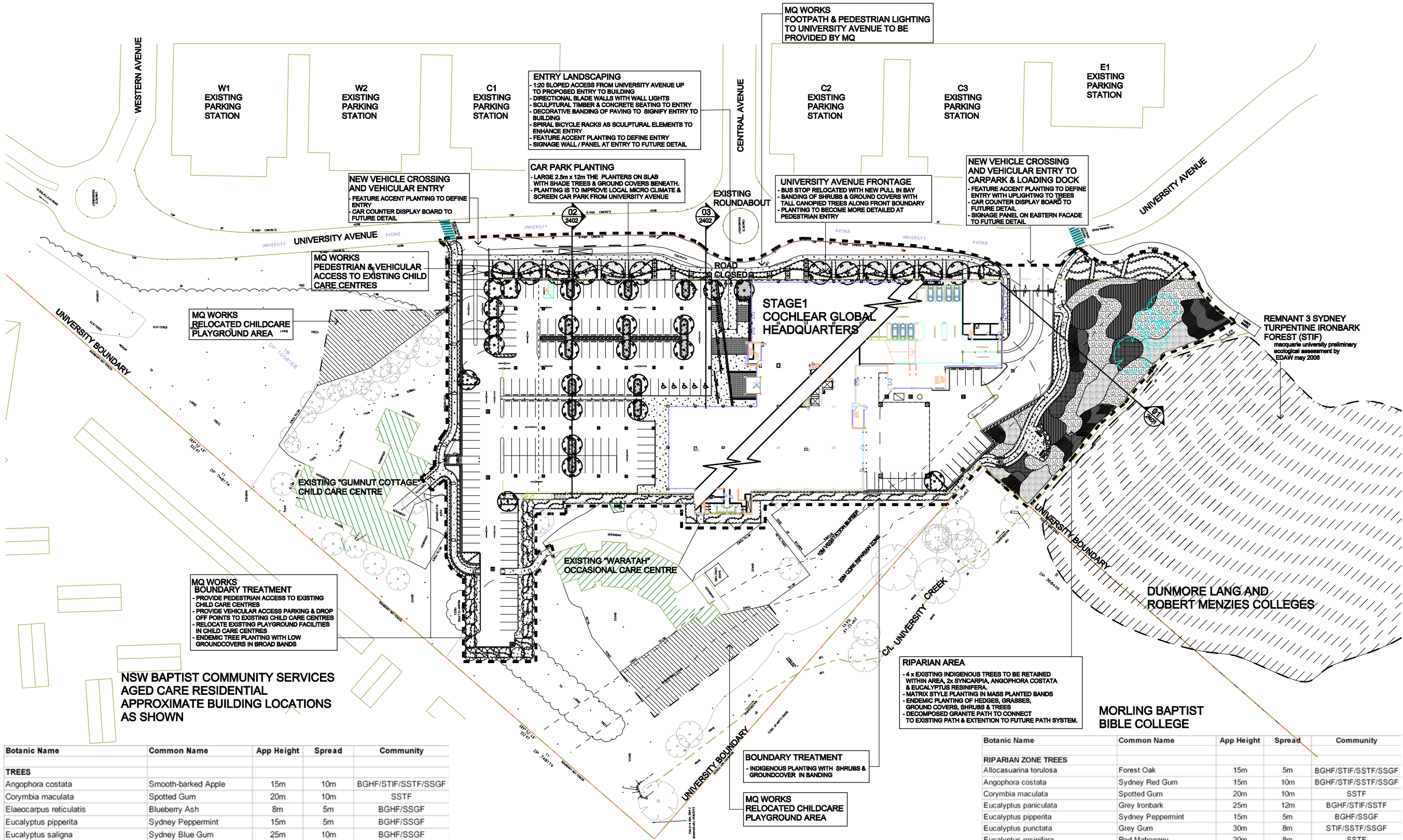
project/client  
**Cochlear Global  
Headquarters  
Stage 1  
Macquarie University  
NSW 2109**

Cochlear  
14 mars road  
lane cove NSW 2006  
consultant

drawing title  
**landscape analysis  
open space heirachy**

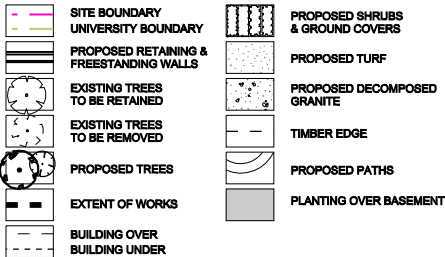
**p a issue**

| original         | scale | drawn      | project no. |
|------------------|-------|------------|-------------|
| b1               | 1:500 | ab/rc/pn   | 4006-00     |
| drawing no.      |       | rev no.    |             |
| <b>la - 0202</b> |       | <b>a02</b> |             |



| Botanic Name                        | Common Name         | App Height | Spread | Community           |
|-------------------------------------|---------------------|------------|--------|---------------------|
| <strong>TREES</strong>              |                     |            |        |                     |
| Angophora costata                   | Smooth-barked Apple | 15m        | 10m    | BGHF/STIF/SSTF/SSGF |
| Corymbia maculata                   | Spotted Gum         | 20m        | 10m    | SSTF                |
| Elaeocarpus reticulatis             | Blueberry Ash       | 8m         | 5m     | BGHF/SSGF           |
| Eucalyptus piperita                 | Sydney Peppermint   | 15m        | 5m     | BGHF/SSGF           |
| Eucalyptus saligna                  | Sydney Blue Gum     | 25m        | 10m    | BGHF/SSGF           |
| Michelia champaca                   | Golden Champaca     | 10m        | 5m     |                     |
| Nyssa sylvatica                     | Tupelo              | 8m         | 6m     |                     |
| Syncarpia glomulifera               | Red Turpentine      | 30m        | 6m     | BGHF/STIF/SSTF/SSGF |
| <strong>SHRUBS</strong>             |                     |            |        |                     |
| Acmena smithii 'Minor'              | Dwarf Lilly Pilly   | 3m         | 8m     |                     |
| Leptospermum 'Cardwell'             | Cardwell            | 1.5m       | 1.5m   |                     |
| Leptospermum 'Pacific Beauty'       |                     | 1m         | 1.5m   |                     |
| Syzygium australe 'Aussie Southern' | Lillypilly          | 4m         | 3m     |                     |
| Syzygium paniculatum Dwarf Form     | Dwarf Lilly Pilly   | 4m         | 2m     |                     |
| Viburnum odoratissimum              | Sweet Viburnum      | 4m         | 3m     |                     |
| Westringia fruticosa                | Coastal Rosemary    | 2m         | 2m     |                     |
| <strong>GROUNDCOVERS</strong>       |                     |            |        |                     |
| Carex appressa                      | Tall Sedge          | 1m         | 1m     |                     |
| Cycas revoluta                      | Cycad/Sago Palm     | 1m         | 1m     |                     |
| Dianella caerulea 'Cassa Blue'      | Cassa Blue          | 750mm      | 750mm  | STIF/SSGF           |
| Dianella caerulea 'Little Jess'     | Little Jess         | 400mm      | 400mm  |                     |
| Isolepis nodosa                     | Knobby Club Rush    | 500mm      | 500mm  |                     |
| Lomandra longifolia 'Tanika'        | Tanika              | 1m         | 800mm  |                     |
| Phormium 'Bronze Baby'              | New Zealand Flax    | 800mm      | 800mm  |                     |

LEGEND



GENERAL NOTES

1. BASE INFORMATION FOR THIS DRAWING TAKEN FROM SURVEY PLANS DATED 19 FEB 2006 BY LOCKLEY LAND TITLE SOLUTIONS
2. DIMENSIONS ARE IN MILLIMETRES LEVELS SHOWN ARE IN METRES
3. NOT ALL SURVEY INFORMATION HAS BEEN SHOWN FOR CLARITY OF DRAWING AND INFORMATION. SOME DISCREPANCIES MAY OCCUR DO NOT SCALE THE DRAWING
4. MQ WORKS - WORKS TO BE UNDERTAKEN BY MACQUARIE UNIVERSITY

| Botanic Name                                | Common Name                | App Height | Spread    | Community           |
|---------------------------------------------|----------------------------|------------|-----------|---------------------|
| <strong>RIPARIAN ZONE TREES</strong>        |                            |            |           |                     |
| Allocastraria torulosa                      | Forest Oak                 | 15m        | 5m        | BGHF/STIF/SSTF/SSGF |
| Angophora costata                           | Sydney Red Gum             | 15m        | 10m       | BGHF/STIF/SSTF/SSGF |
| Corymbia maculata                           | Spotted Gum                | 20m        | 10m       | SSTF                |
| Eucalyptus paniculata                       | Grey Ironbark              | 25m        | 12m       | BGHF/STIF/SSTF      |
| Eucalyptus piperita                         | Sydney Peppermint          | 15m        | 5m        | BGHF/SSGF           |
| Eucalyptus punctata                         | Grey Gum                   | 30m        | 8m        | STIF/SSTF/SSGF      |
| Eucalyptus resinifera                       | Red Mahogany               | 20m        | 8m        | SSTF                |
| Eucalyptus saligna                          | Sydney Blue Gum            | 25m        | 10m       | BGHF/SSGF           |
| Melaleuca decora                            | White Feather Honey Myrtle | 8m         | 4m        | STIF                |
| Syncarpia glomulifera                       | Red Turpentine             | 30m        | 6m        | BGHF/STIF/SSTF/SSGF |
| <strong>RIPARIAN ZONE SHRUBS</strong>       |                            |            |           |                     |
| Acacia longifolia                           | Sydney Golden Wattle       | 6m         | 2m        | STIF                |
| Acacia terminalis                           | Sunshine Wattle            | 3m         | 2m        | SSGF                |
| Breynia oblongifolia                        | Breynia                    | 1500mm     | 1500mm    | BGHF/STIF/SSTF      |
| Bursaria spinosa                            | Sweet Bursaria             | 3m         | 1m        | STIF/SSTF           |
| Callicoma serratifolia                      | Black Wattle               | 5m         | 3m        | SSGF                |
| Leptospermum polygalifolium                 | Lemon Scented Tea Tree     | 2m         | 1.5m      | SSGF                |
| <strong>RIPARIAN ZONE GROUNDCOVERS</strong> |                            |            |           |                     |
| Dianella caerulea                           | Paroo Lilly                | 500mm      | 500mm     |                     |
| Doodia aspera                               | Rasp Fern                  | 300mm      | 200-300mm | BGHF                |
| Echinopogon caespitosus                     | Tufted Hedgehog Grass      | 300mm      | 200mm     | BGHF                |
| Hardenbergia violacea                       | Australian Sarsaparilla    | 100mm      | to 3m     | BGHF/STIF/SSTF      |
| Hibbertia scandens                          | Guinea Gold Vine           | 300mm      | 2-5m      | BGHF                |
| Isolepis nodosa                             | Knobby Club Rush           | 500mm      | 500mm     |                     |
| Juncus usitatus                             | Common Rush                | 600mm      | 500mm     |                     |
| Lomandra longifolia                         | Spiny Headed Mat Rush      | 1m         | 750mm     | SSTF/SSGF           |
| Themeda australis                           | Kangaroo Grass             | 500mm      | 500mm     | BGHF/STIF/SSTF      |

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| amendments |          | by                                  |    | checked |      | verified |    |
|------------|----------|-------------------------------------|----|---------|------|----------|----|
| no.        | date     | amendment                           | by | chk'd   | init | chk'd    |    |
| A-         | 25.02.08 | preliminary                         | ab | ch      | ch   | ch       |    |
| a01        | 10.04.08 | preliminary                         | ab | ch      | ch   | ch       |    |
| a02        | 10.04.08 | preliminary for client review       | ab | ch      | ch   | ch       |    |
| a03        | 24.04.08 | preliminary issues for coordination | pn | pn      | pn   | pn       | ch |
| a04        | 01.05.08 | consultant coordination             | pn | pn      | pn   | pn       | ch |
| a05        | 07.05.08 | MQ coordination                     | pn | pn      | pn   | pn       | ch |
| a06        | 13.05.08 | for coordination                    | pn | pn      | pn   | pn       | ch |
| a07        | 17.05.08 | issue for project application       | pn | pn      | pn   | pn       | ch |

north point

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project lead

**Cochlear Global Headquarters Stage 1 Macquarie University NSW 2109**

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consultant

drawing title

**Stage 1 overall landscape plan**

**p a issue**

| original | scale | drawn | project no. |
|----------|-------|-------|-------------|
| b1       | 1:500 | ab    | 4006-00     |

drawing no.

**la - 0501**

rev no.

**a07**