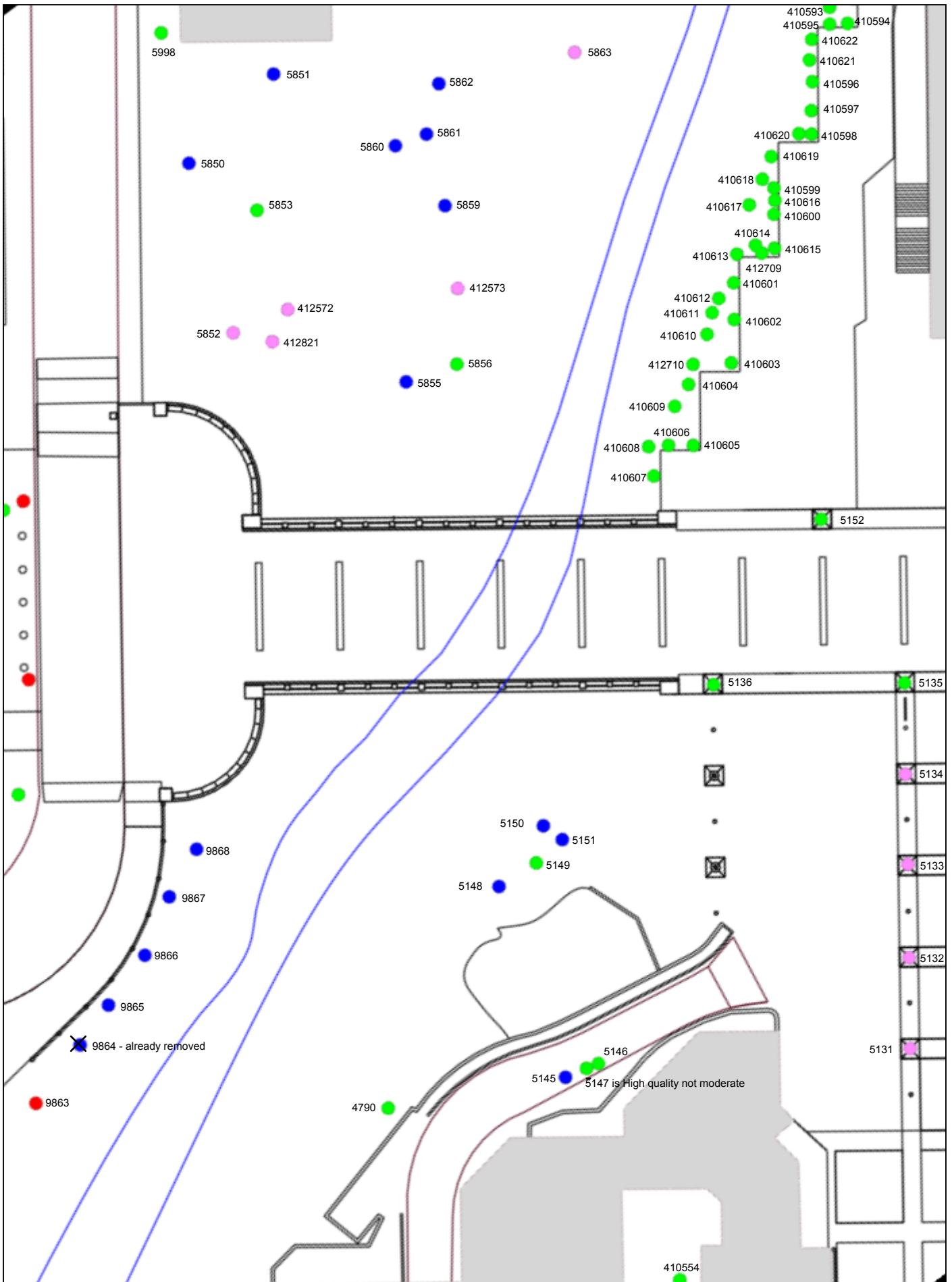
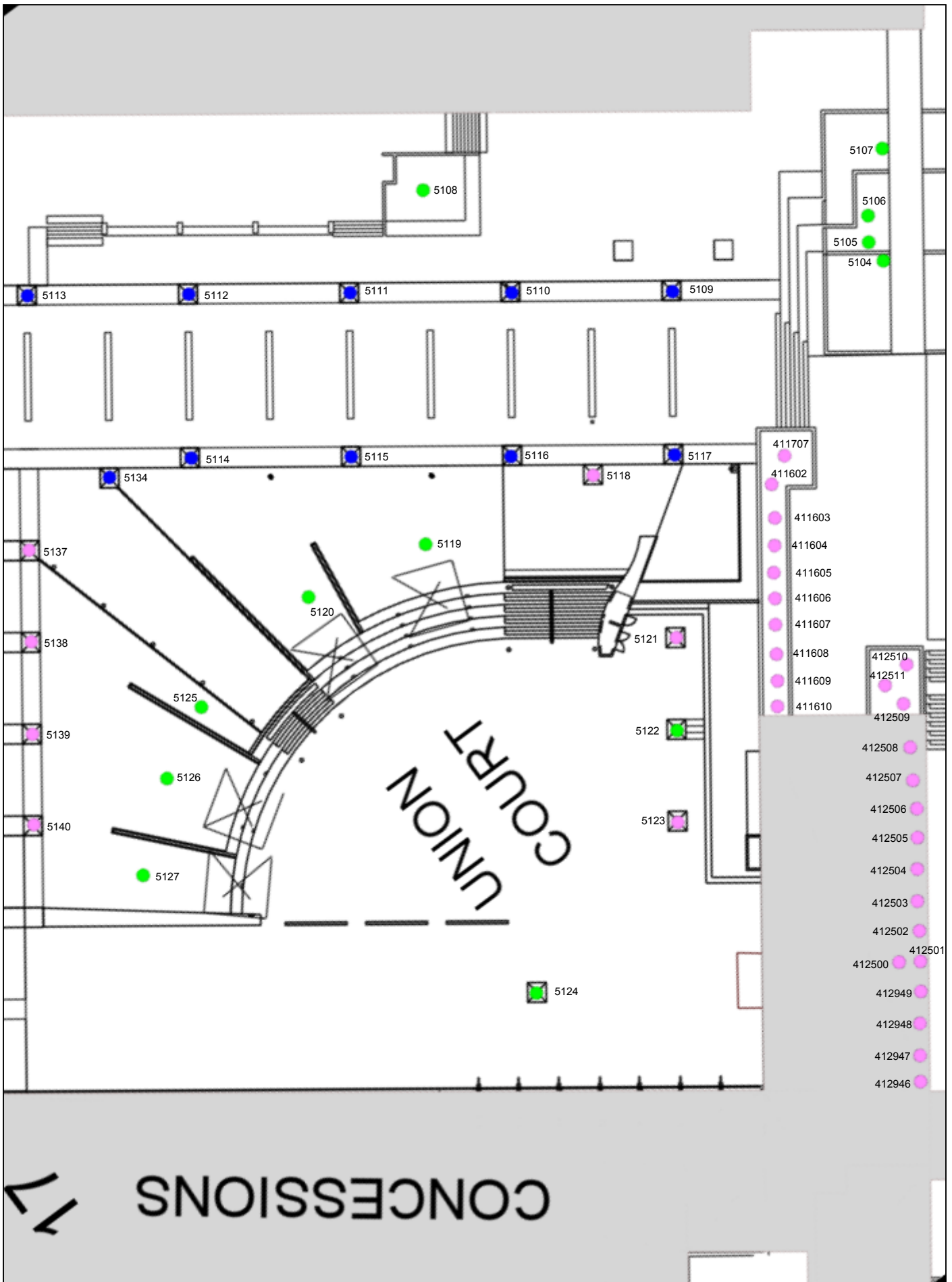


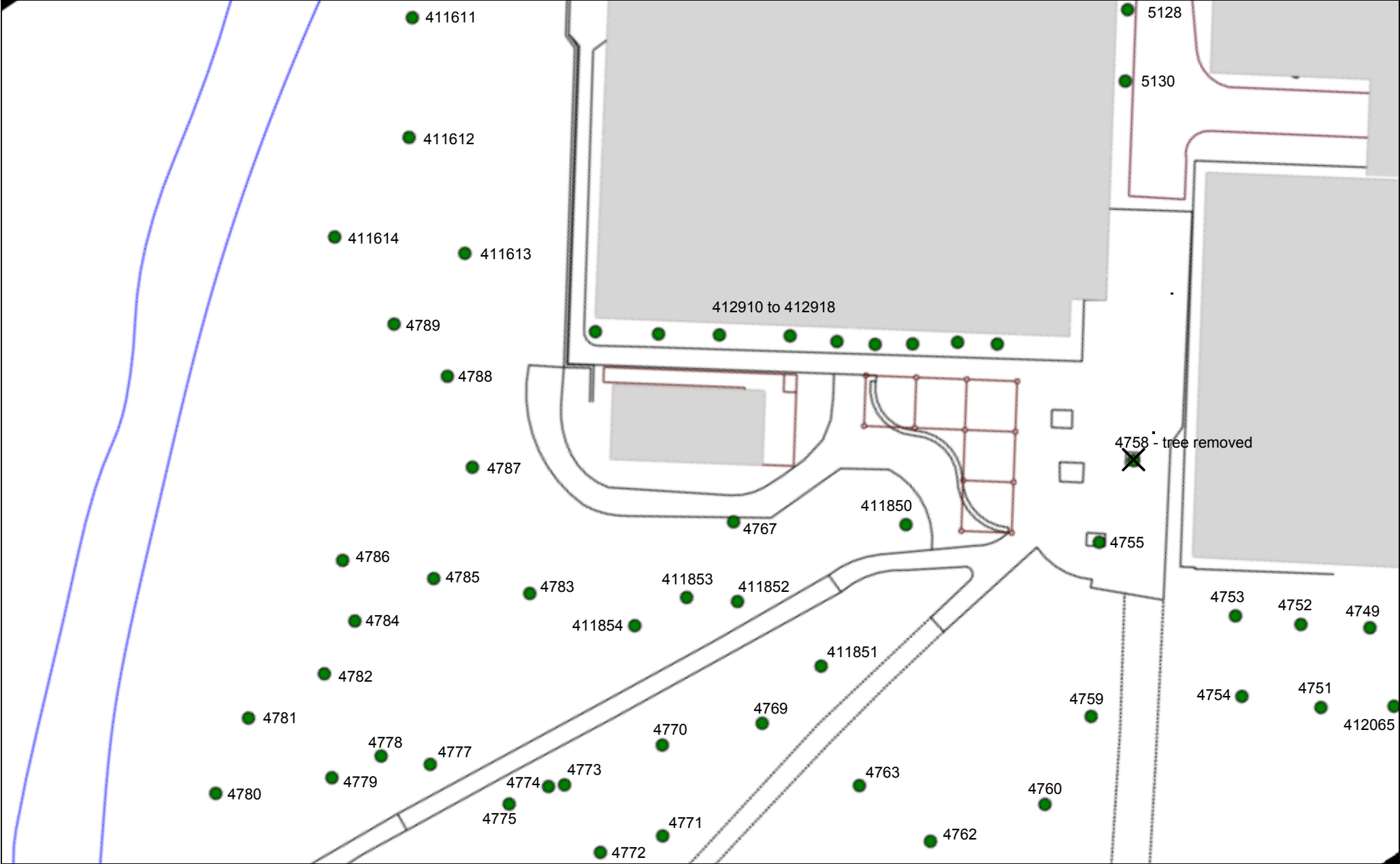
Union Court Map1



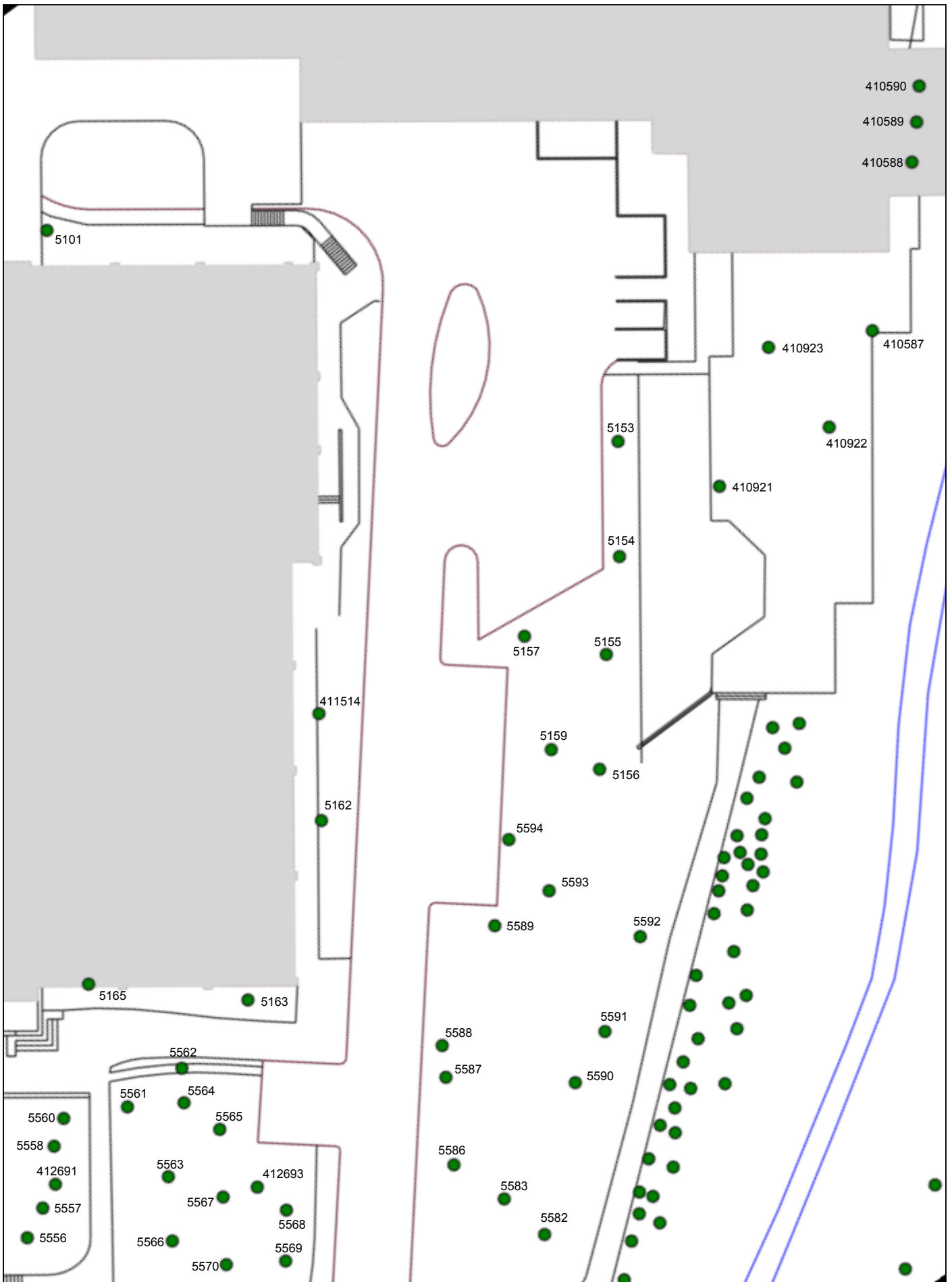
Union Court Map 2



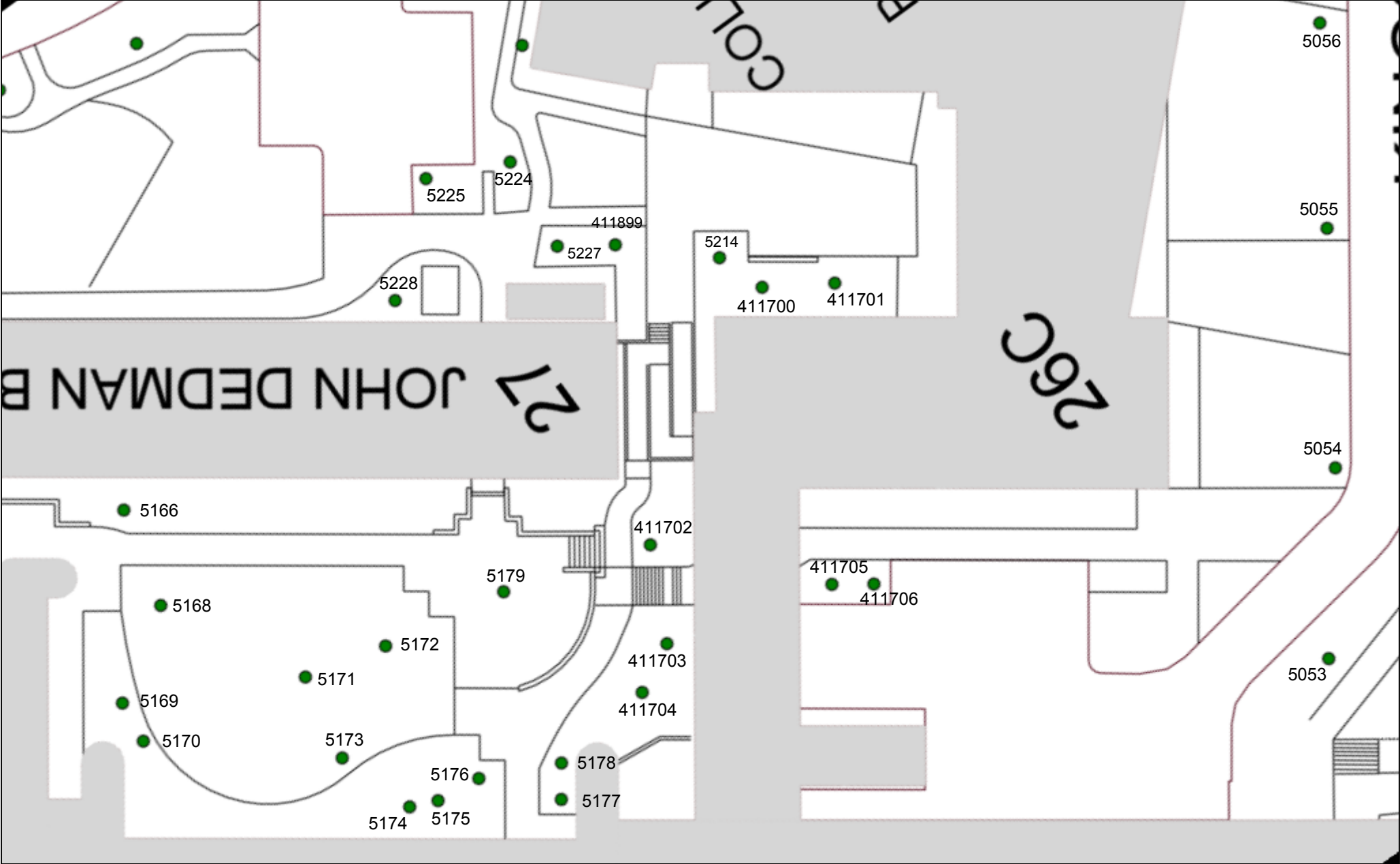
Rear of Arts centre



Manning Clark 1



Manning Clark 2



TREES FOR RELOCATION

LOCATION Union Court and John Dedman Courtyard

AUTHOR University Arborist

DATE Thursday, 20th April, 2017

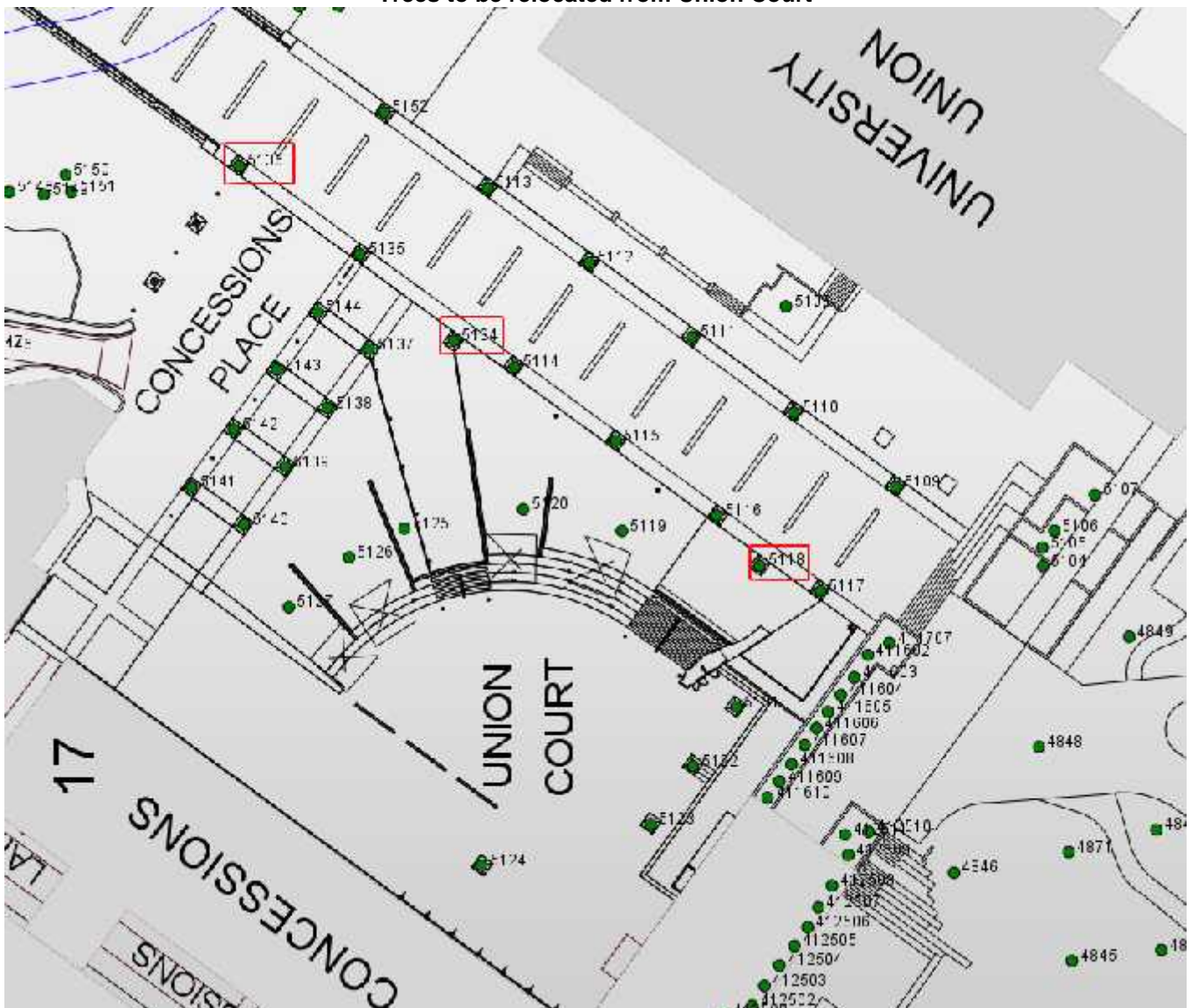
TO Robert Hitchcock

Introduction

Site and Existing Trees

Several trees have been identified for possible relocation as part of the Union Court Redevelopment Project. Two or possibly three of the redwoods *Sequoia giganteum* trees #5136, 5134 and 5118 from Union Court could be relocated to University Avenue West adjacent to the new Chemistry Building. The trees will be in line with existing Redwood plantings to strengthen Charles Weston's original plantings. If all three trees can be relocated the smallest one ((5118) could be planted in the new landscape at Australia China in the World, Building 188.

Trees to be relocated from Union Court





Sequoia giganteum 5136



Sequoia giganteum 5134



Sequoia giganteum 5118



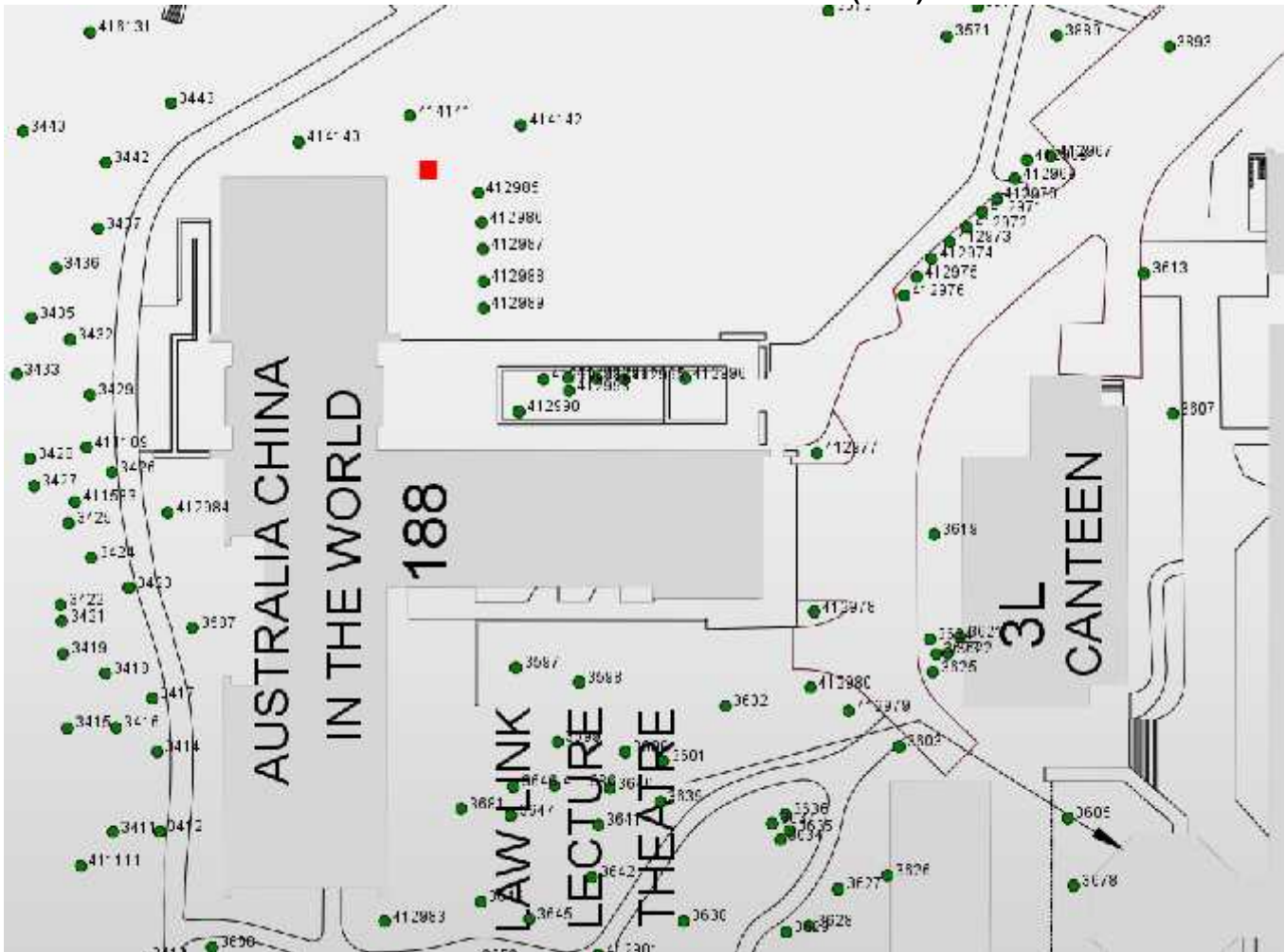
Site on uni ave west for two redwoods

New site for Union Court Trees (existing redwoods circled)



Site for smallest redwood at CITW (in garden bed behind seat)

New site at ACITW for smallest redwood (5118)



John Dedman Courtyard

Up to four Maidenhair – *Ginkgo biloba* #5169, 5170, 5174 and 5175 could possibly be relocated to the lawn area adjacent to the OCH tennis court as well as one of the Sapium’s. Trees 5174 and 5175 might prove too difficult to move due to the close proximity of the building. The irrigated lawn will be converted into a lovely park type greenspace enhanced with the new trees. The trees would also replace a *Eucalyptus melliodora* that has recently died in the area.

Another one or two of the Chinese Tallowood – *Sapium sebiferum* will be relocated to the front entrance lawn Of University House Scarth Room. There is currently an established Chinese tallow wood located there and it would be good to have a cluster of trees at this location. Best of the Sapium’s for relocation are #411702-4.



Two best Ginkgo’s #5170 and 5169 (from left)



Sapium and Ginkgo's #5176, 5175 and 5174



Sapium sebiferum – 411702

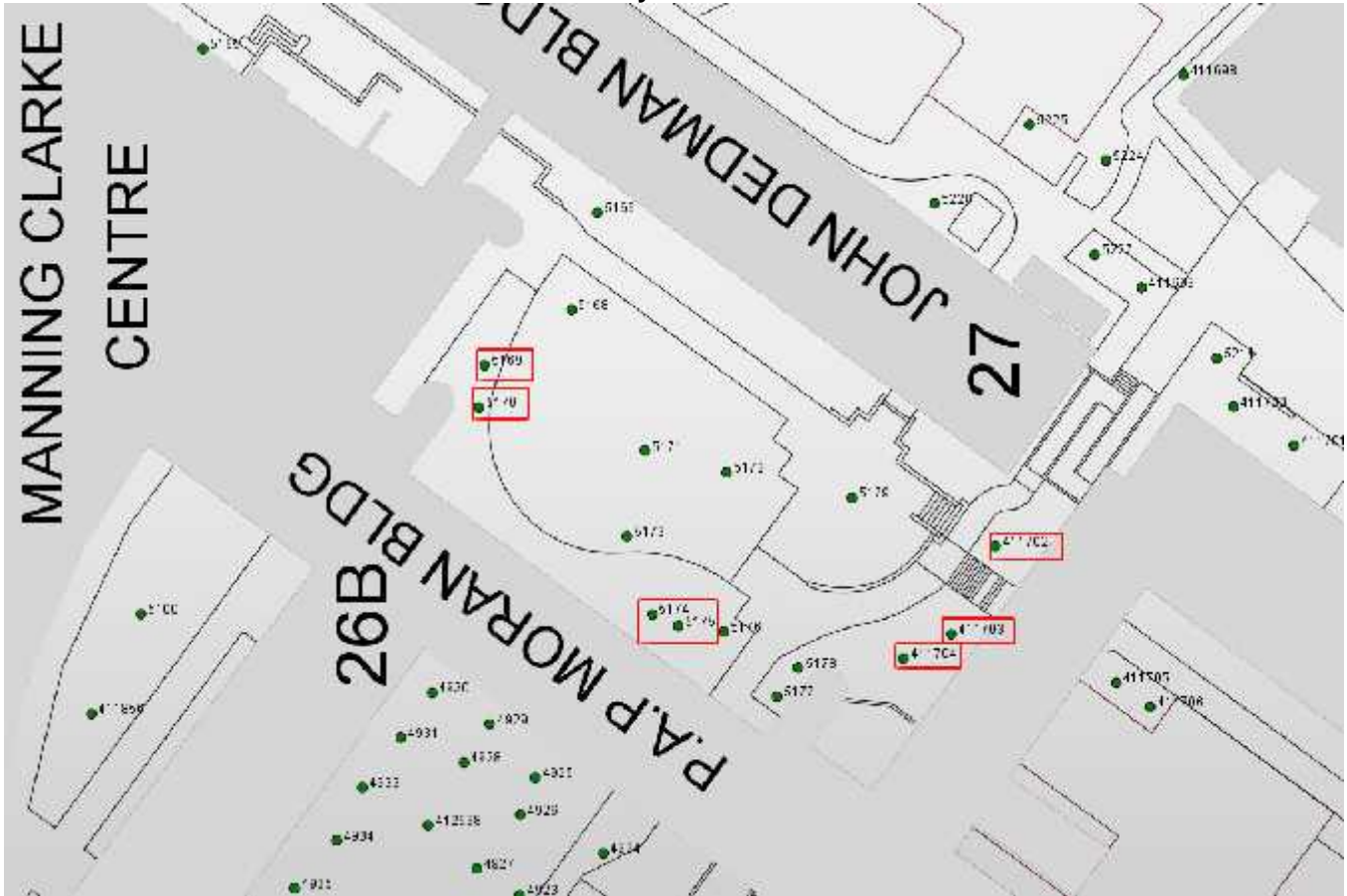


Sapium sebiferum – 411703



Sapium sebiferum 411704

John Dedman courtyard trees to be relocated



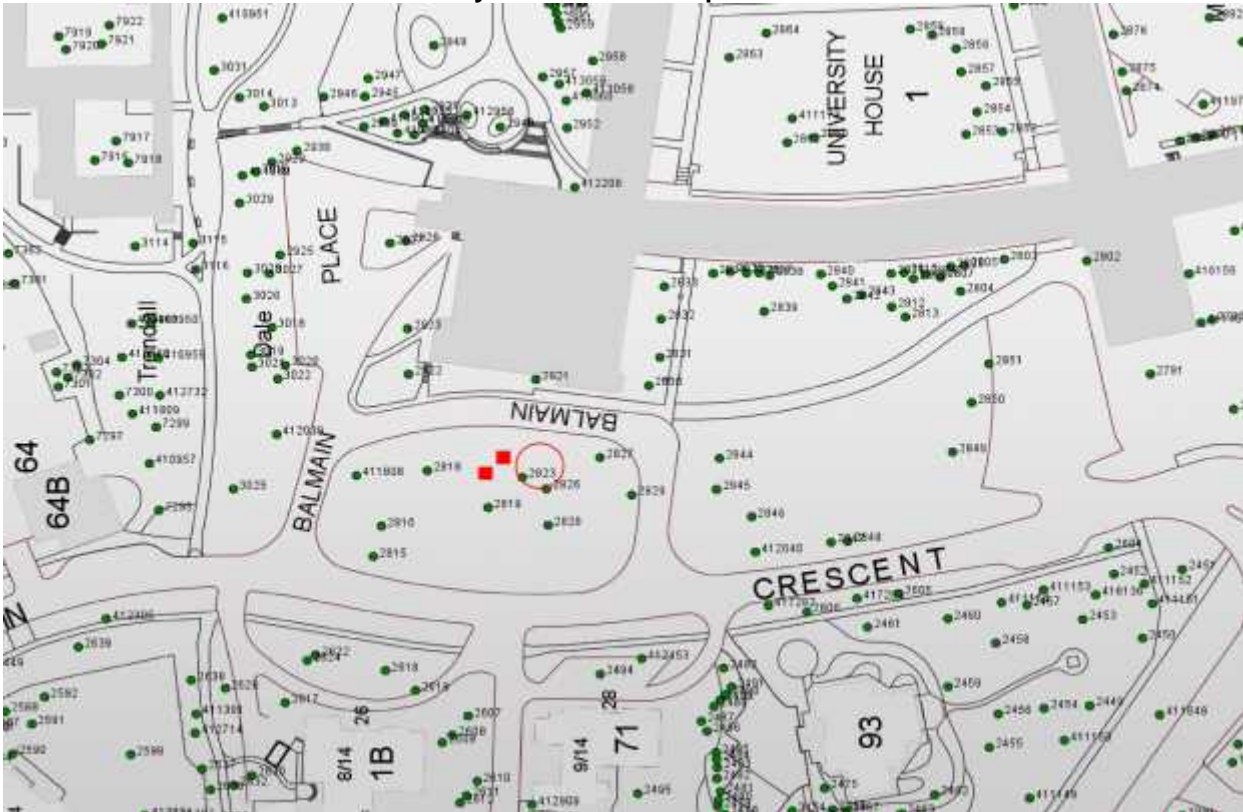
Old Canberra House tennis court site

New site at OCH for John Dedman trees (4 Ginkgo's and 1 Sapium)



University House Scarth Room Lawn Entrance

New site at University House for 2 x Sapiums from John Dedman



Melinda Walker
University Arborist
24/4/2017

Union Court 1
Red trees for removal, trees highlighted yellow for relocation

| ANU Tree ID | Genus Species | Common Name | Height | Crown Radius | DBH | Tree Age | SIGNIFICANCE | Tree Health | Tree Structure | ULE | Habitat | Classification | Comments |
|-------------|------------------------------|--------------------|--------|--------------|--------|-------------|--------------|-------------|----------------|----------|---------|----------------|---|
| 4790 | Melia azedarach | White Cedar | 8 | 4 | 0-30cm | Semi mature | Moderate | Good | Fair | 25 to 50 | No | Deciduous | Multi stemmed. |
| 5135 | Sequoiadendron giganteum | Giant Redwood | 4 | 1 | 15 | Young | Moderate | Poor | Good | 5 to 15 | No | Conifer | bleeding,dieback |
| 5136 | Sequoiadendron giganteum | Giant Redwood | 3 | 1 | 8 | Young | Moderate | Good | Good | 50+ | No | Conifer | Seedling from General Sherman tree |
| 5141 | Prunus cerasifera Nigra | Purple Cherry Plum | 4 | 2 | 0-30cm | Semi mature | Low | Good | Fair | 25 to 50 | No | Deciduous | Multi stemmed. |
| 5142 | Prunus cerasifera Nigra | Purple Cherry Plum | 4 | 2 | 0-30cm | Semi mature | Low | Good | Fair | 25 to 50 | No | Deciduous | Multi stemmed. |
| 5143 | Prunus cerasifera Nigra | Purple Cherry Plum | 4 | 2 | 0-30cm | Semi mature | Low | Good | Fair | 25 to 50 | No | Deciduous | Multi-stemmed trunks |
| 5144 | Prunus cerasifera Nigra | Purple Cherry Plum | 5 | 3 | 0-30cm | Semi mature | Low | Good | Fair | 25 to 50 | No | Deciduous | Multi stemmed, |
| 5145 | Magnolia grandiflora | Bull Bay Magnolia | 9 | 4 | 0-30cm | Semi mature | High | Good | Good | 50+ | No | Evergreen | Multi stemmed. |
| 5146 | Magnolia grandiflora | Bull Bay Magnolia | 9 | 3 | 0-30cm | Semi mature | Moderate | Good | Fair | 50+ | No | Evergreen | Multi stemmed |
| 5147 | Melia azedarach | White Cedar | 12 | 8 | 51 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | Co dominant |
| 5148 | Salix babylonica | Weeping Willow | 18 | 12 | 79 | Mature | High | Good | Fair | 50+ | No | Deciduous | From original plantings dating from the pre canberra agricultural period. Bird damage,minor deadwood,wood decay,wound |
| 5149 | Salix babylonica | Weeping Willow | 12 | 5 | 35 | Mature | Moderate | Good | Fair | 15 to 25 | No | Deciduous | Wound with decay at approx 1.5 mt. |
| 5150 | Salix babylonica | Weeping Willow | 19 | 8 | 54 | Over mature | High | Good | Fair | 25 to 50 | No | Deciduous | |
| 5151 | Salix babylonica | Weeping Willow | 22 | 10 | 84 | Over mature | High | Good | Fair | 25 to 50 | No | Deciduous | From original plantings dating from the pre canberra agricultural period. Codominants,included bark |
| 5152 | Ulmus picturata | Picture Elm | 6 | 3 | 16 | Young | Moderate | Good | Fair | 50+ | No | Deciduous | |
| 5850 | Robinia pseudoacacia | Black Locust | 14 | 6 | 37 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | |
| 5851 | Robinia pseudoacacia | Black Locust | 15 | 5 | 31 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | |
| 5852 | Melia azedarach | White Cedar | 5 | 3 | 13 | Semi mature | Low | Good | Fair | 50+ | No | Deciduous | |
| 5853 | Castanea sativa | Sweet Chestnut | 8 | 5 | 42 | Mature | Moderate | Fair | Fair | 5 to 15 | No | Deciduous | |
| 5855 | Betula pendula | Silver Birch | 17 | 6 | 49 | Mature | High | Good | Fair | 25 to 50 | No | Deciduous | |
| 5856 | Betula pendula | Silver Birch | 10 | 5 | 28 | Mature | Moderate | Good | Good | 15 to 25 | No | Deciduous | |
| 5859 | Populus nigra 'Italica' | Lombardy Poplar | 24 | 3 | 85 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | |
| 5860 | Populus nigra 'Italica' | Lombardy Poplar | 24 | 2 | 62 | Mature | High | Fair | Fair | 5 to 15 | No | Deciduous | Tree label. Canopy lopped, wood decay |
| 5861 | Populus nigra 'Italica' | Lombardy Poplar | 24 | 2 | 62 | Mature | High | Fair | Fair | 5 to 15 | No | Deciduous | minor deadwood |
| 5862 | Populus nigra 'Italica' | Lombardy Poplar | 24 | 4 | 105 | Over mature | High | Fair | Fair | 15 to 25 | No | Deciduous | minor deadwood |
| 5863 | Metasequoia glyptostroboides | Dawn Redwood | 6 | 2 | 9 | Young | Low | Good | Good | 50+ | No | Conifer | |

Union Court 1
Red trees for removal, trees highlighted yellow for relocation

| | | | | | | | | | | | | | |
|--------|------------------------|---------------------|----|---|----|-------------|-------------|------|------|----------|----|------------------|---|
| 9863 | Ulmus picturata | Picture Elm | 25 | 8 | 80 | Mature | Exceptional | Fair | Good | 15 to 25 | No | Deciduous | dieback,insect attack,previous failures,secondary shooting |
| 9865 | Salix babylonica | Weeping Willow | 26 | 7 | 57 | Mature | High | Good | Fair | 15 to 25 | No | Deciduous | minor deadwood,wound |
| 9866 | Salix babylonica | Weeping Willow | 26 | 7 | 63 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | From original plantings dating from the pre canberra agricultural period. |
| 9867 | Salix babylonica | Weeping Willow | 26 | 7 | 67 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | From original plantings dating from the pre canberra agricultural period. Previous failures,wood decay,wound |
| 9868 | Salix babylonica | Weeping Willow | 18 | 7 | 67 | Mature | High | Good | Fair | 15 to 25 | No | Deciduous | From original plantings dating from the pre canberra agricultural period. Cracks/splits, poor union,previous failures |
| 410554 | Fraxinus excelsior | European Ash | 10 | 5 | 33 | Mature | Moderate | Good | Good | 25 to 50 | No | Deciduous | |
| 410591 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 1 | 10 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410592 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 2 | 12 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410593 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 2 | 18 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410594 | Eucalyptus mannifera | Brittle Gum | 11 | 2 | 24 | Semi mature | Moderate | Good | Good | 50+ | No | Other eucalyptus | |
| 410595 | Eucalyptus mannifera | Brittle Gum | 12 | 2 | 22 | Semi mature | Moderate | Good | Good | 50+ | No | Other eucalyptus | |
| 410596 | Eucalyptus mannifera | Brittle Gum | 11 | 3 | 28 | Semi mature | Moderate | Good | Fair | 50+ | No | Other eucalyptus | |
| 410597 | Eucalyptus mannifera | Brittle Gum | 12 | 3 | 27 | Semi mature | Moderate | Good | Poor | 50+ | No | Other eucalyptus | high codominant,included bark |
| 410598 | Eucalyptus mannifera | Brittle Gum | 12 | 3 | 28 | Semi mature | Moderate | Good | Good | 50+ | No | Other eucalyptus | |
| 410599 | Eucalyptus mannifera | Brittle Gum | 14 | 4 | 26 | Semi mature | Moderate | Good | Fair | 50+ | No | Other eucalyptus | |
| 410600 | Eucalyptus mannifera | Brittle Gum | 14 | 5 | 33 | Semi mature | Moderate | Good | Good | 50+ | No | Other eucalyptus | |
| 410601 | Eucalyptus mannifera | Brittle Gum | 13 | 4 | 34 | Semi mature | Moderate | Good | Good | 25 to 50 | No | Other eucalyptus | |
| 410602 | Eucalyptus mannifera | Brittle Gum | 13 | 3 | 23 | Semi mature | Moderate | Good | Fair | 50+ | No | Other eucalyptus | |
| 410603 | Eucalyptus mannifera | Brittle Gum | 12 | 4 | 31 | Semi mature | Moderate | Good | Fair | 50+ | No | Other eucalyptus | |
| 410604 | Eucalyptus mannifera | Brittle Gum | 12 | 3 | 26 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Other eucalyptus | |
| 410605 | Eucalyptus mannifera | Brittle Gum | 13 | 4 | 33 | Semi mature | Moderate | Good | Fair | 25 to 50 | No | Other eucalyptus | |

Union Court 1
Red trees for removal, trees highlighted yellow for relocation

| | | | | | | | | | | | | | |
|--------|------------------------|---------------------|----|---|--------|-------------|----------|------|------|----------|----|------------------|----------------|
| 410606 | Eucalyptus mannifera | Brittle Gum | 12 | 3 | 19 | Semi mature | Moderate | Good | Good | 15 to 25 | No | Other eucalyptus | |
| 410607 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 2 | 19 | Semi mature | Moderate | Good | Poor | 15 to 25 | No | Evergreen | Co dominant |
| 410608 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 1 | 14 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410609 | Melaleuca linariifolia | Flax Leaf Paperbark | 8 | 2 | 17 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410610 | Melaleuca linariifolia | Flax Leaf Paperbark | 8 | 2 | 18 | Semi mature | Moderate | Good | Fair | 5 to 15 | No | Evergreen | |
| 410611 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 2 | 0-30cm | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | Multi stemmed. |
| 410612 | Melaleuca linariifolia | Flax Leaf Paperbark | 6 | 1 | 10 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410613 | Melaleuca linariifolia | Flax Leaf Paperbark | 6 | 2 | 16 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | Co dominant |
| 410614 | Melaleuca linariifolia | Flax Leaf Paperbark | 8 | 2 | 17 | Semi mature | Moderate | Good | Fair | 5 to 15 | No | Evergreen | |
| 410615 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 2 | 12 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410616 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 1 | 12 | Semi mature | Moderate | Good | Poor | 5 to 15 | No | Evergreen | |
| 410617 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 1 | 17 | Semi mature | Moderate | Good | Poor | 5 to 15 | No | Evergreen | |
| 410618 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 1 | 15 | Semi mature | Moderate | Good | Fair | 15 to 25 | No | Evergreen | |
| 410619 | Melaleuca linariifolia | Flax Leaf Paperbark | 9 | 2 | 22 | Semi mature | Moderate | Good | Poor | 5 to 15 | No | Evergreen | |
| 410620 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 2 | 19 | Semi mature | Moderate | Good | Poor | 5 to 15 | No | Evergreen | Co dominant |
| 410621 | Melaleuca linariifolia | Flax Leaf Paperbark | 6 | 1 | 14 | Semi mature | Moderate | Good | Poor | 5 to 15 | No | Evergreen | |
| 410622 | Melaleuca linariifolia | Flax Leaf Paperbark | 7 | 2 | 24 | Semi mature | Moderate | Good | Poor | 5 to 15 | No | Evergreen | |
| 412572 | Betula pendula | Silver Birch | 3 | 1 | 3 | Young | Low | Good | Fair | 25 to 50 | No | Deciduous | |
| 412573 | Betula pendula | Silver Birch | 6 | 2 | 6 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412709 | Eucalyptus mannifera | Brittle Gum | 12 | 4 | 26 | Semi mature | Moderate | Good | Good | 50+ | No | Other eucalyptus | |
| 412710 | Melaleuca linariifolia | Flax Leaf Paperbark | 6 | 1 | 11 | Semi mature | Moderate | Good | Good | 5 to 15 | No | Evergreen | |
| 412821 | Betula pendula | Silver Birch | 4 | 1 | 4 | Young | Low | Fair | Good | 25 to 50 | No | Deciduous | |

Union Court 2

| ANU Tree ID | Genus Species | Common Name | Height | Crown Radius | DBH | Tree Age | SIGNIFICANCE | Tree Health | Tree Structure | ULE | Habitat | Classification | Comments |
|-------------|--------------------------|--------------------|--------|--------------|--------|-------------|--------------|-------------|----------------|----------|---------|----------------|-------------------|
| 5104 | Betula pendula | Silver Birch | 8 | 2 | 14 | Semi mature | Moderate | Fair | Good | 15 to 25 | No | Deciduous | |
| 5105 | Betula pendula | Silver Birch | 8 | 1 | 12 | Semi mature | Moderate | Fair | Fair | 5 to 15 | No | Deciduous | |
| 5106 | Betula pendula | Silver Birch | 10 | 4 | 20 | Semi mature | Moderate | Fair | Fair | 15 to 25 | No | Deciduous | |
| 5107 | Betula pendula | Silver Birch | 12 | 4 | 31 | Mature | Moderate | Fair | Good | 15 to 25 | No | Deciduous | |
| 5108 | Pyrus ussuriensis | Manchurian Pear | 10 | 6 | 32 | Mature | Moderate | Good | Fair | 25 to 50 | No | Deciduous | previous failures |
| 5109 | Ulmus picturata | Picture Elm | 11 | 5 | 35 | Semi mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 5110 | Ulmus picturata | Picture Elm | 10 | 5 | 34 | Semi mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 5111 | Ulmus picturata | Picture Elm | 12 | 5 | 30 | Semi mature | High | Good | Good | 25 to 50 | No | Deciduous | |
| 5112 | Ulmus picturata | Picture Elm | 12 | 5 | 33 | Semi mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 5113 | Ulmus picturata | Picture Elm | 12 | 5 | 34 | Semi mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 5114 | Ulmus picturata | Picture Elm | 12 | 5 | 40 | Semi mature | High | Good | Fair | 25 to 50 | No | Deciduous | insect attack |
| 5115 | Ulmus picturata | Picture Elm | 11 | 4 | 29 | Semi mature | High | Good | Fair | 25 to 50 | No | Deciduous | insect attack |
| 5116 | Ulmus picturata | Picture Elm | 8 | 3 | 23 | Semi mature | High | Good | Fair | 25 to 50 | No | Deciduous | |
| 5117 | Ulmus picturata | Picture Elm | 11 | 5 | 35 | Semi mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 5118 | Sequoiadendron giganteum | Giant Redwood | 2 | 1 | 2 | Young | Low | Fair | Good | 50+ | No | Conifer | stunted |
| 5119 | Ulmus parvifolia | Chinese Elm | 5 | 3 | 17 | Semi mature | Moderate | Good | Good | 50+ | No | Deciduous | |
| 5120 | Ulmus parvifolia | Chinese Elm | 5 | 3 | 17 | Semi mature | Moderate | Good | Good | 50+ | No | Deciduous | |
| 5121 | Ulmus parvifolia | Chinese Elm | 5 | 2 | 9 | Semi mature | Low | Fair | Good | 25 to 50 | No | Deciduous | |
| 5122 | Ulmus parvifolia | Chinese Elm | 7 | 5 | 24 | Semi mature | Moderate | Fair | Good | 15 to 25 | No | Deciduous | |
| 5123 | Ulmus parvifolia | Chinese Elm | 4 | 2 | 8 | Semi mature | Low | Fair | Good | 25 to 50 | No | Deciduous | |
| 5124 | Fraxinus pennsylvanica | Green Ash | 9 | 6 | 51 | Mature | Moderate | Good | Fair | 5 to 15 | No | Deciduous | Tree label. |
| 5125 | Ulmus parvifolia | Chinese Elm | 6 | 4 | 19 | Semi mature | Moderate | Good | Good | 25 to 50 | No | Deciduous | |
| 5126 | Ulmus parvifolia | Chinese Elm | 7 | 5 | 24 | Semi mature | Moderate | Good | Good | 50+ | No | Deciduous | |
| 5127 | Ulmus parvifolia | Chinese Elm | 6 | 3 | 15 | Semi mature | Moderate | Good | Fair | 50+ | No | Deciduous | |
| 5134 | Sequoiadendron giganteum | Giant Redwood | 10 | 2 | 46 | Semi mature | High | Good | Good | 50+ | No | Conifer | |
| 5137 | Prunus cerasifera Nigra | Purple Cherry Plum | 5 | 3 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed. |
| 5138 | Prunus cerasifera Nigra | Purple Cherry Plum | 5 | 2 | 0-30cm | Semi mature | Low | Good | Fair | 25 to 50 | No | Deciduous | |
| 5139 | Prunus cerasifera Nigra | Purple Cherry Plum | 5 | 2 | 0-30cm | Semi mature | Low | Good | Fair | 25 to 50 | No | Deciduous | Multi stemmed, |
| 5140 | Prunus cerasifera Nigra | Purple Cherry Plum | 4 | 2 | 0-30cm | Semi mature | Low | Good | Fair | 25 to 50 | No | Deciduous | vandalism |
| 411602 | Lagerstroemia indica | Crepe Myrtle | 4 | 2 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed. |

Union Court 2

| | | | | | | | | | | | | | |
|--------|----------------------|--------------|---|---|--------|-------------|-----|------|------|----------|----|-----------|--|
| 411603 | Lagerstroemia indica | Crepe Myrtle | 4 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed. |
| 411604 | Lagerstroemia indica | Crepe Myrtle | 5 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed. |
| 411605 | Lagerstroemia indica | Crepe Myrtle | 4 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411606 | Lagerstroemia indica | Crepe Myrtle | 3 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed. |
| 411607 | Lagerstroemia indica | Crepe Myrtle | 4 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed. |
| 411608 | Lagerstroemia indica | Crepe Myrtle | 4 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed |
| 411609 | Lagerstroemia indica | Crepe Myrtle | 3 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed |
| 411610 | Lagerstroemia indica | Crepe Myrtle | 3 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Multi stemmed |
| 411707 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | Pruned hard to clear cctv camera - should remove |
| 412496 | Lagerstroemia indica | Crepe Myrtle | 3 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412497 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412498 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412499 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412500 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412501 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412502 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412503 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412504 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412505 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412506 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412507 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412508 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412509 | Lagerstroemia indica | Crepe Myrtle | 2 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |

Union Court 2

| | | | | | | | | | | | | | |
|--------|----------------------|--------------|---|---|--------|-------|-----|------|------|----------|----|-----------|--|
| 412510 | Lagerstroemia indica | Crepe Myrtle | 1 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412511 | Lagerstroemia indica | Crepe Myrtle | 1 | 1 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |

Arts Centre

| ANU Tree ID | Genus Species | Common Name | Height | Crown Radius | DBH | Tree Age | SIGNIFICANCE | Tree Health | Tree Structure | ULE | Habitat | Classification | Comments |
|-------------|----------------------|------------------|--------|--------------|-----|-------------|--------------|-------------|----------------|----------|---------|------------------|---|
| 4747 | Betula pendula | Silver Birch | 14 | 5 | 33 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | |
| 4748 | Betula pendula | Silver Birch | 14 | 5 | 28 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | Cavity at base of trunk. |
| 4749 | Betula pendula | Silver Birch | 16 | 6 | 40 | Mature | High | Good | Good | 15 to 25 | No | Other eucalyptus | minor deadwood |
| 4751 | Betula pendula | Silver Birch | 6 | 1 | 6 | Young | Low | Fair | Fair | 15 to 25 | No | Deciduous | |
| 4752 | Betula pendula | Silver Birch | 14 | 4 | 24 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | |
| 4753 | Betula pendula | Silver Birch | 14 | 6 | 44 | Mature | High | Fair | Poor | 15 to 25 | No | Deciduous | Co dominant with decay in main fork. |
| 4754 | Betula pendula | Silver Birch | 14 | 5 | 36 | Mature | High | Fair | Good | 15 to 25 | No | Deciduous | |
| 4755 | Catalpa bignonioides | Indian Bean Tree | 8 | 5 | 33 | Mature | Moderate | Good | Good | 15 to 25 | No | Deciduous | |
| 4759 | Salix fragilis | Crack Willow | 23 | 9 | 110 | Over mature | High | Fair | Fair | 5 to 15 | No | Deciduous | dieback,previous failures,wood decay,wound |
| 4760 | Salix fragilis | Crack Willow | 23 | 8 | 81 | Over mature | High | Fair | Fair | 1 to 5 | No | Deciduous | dieback,previous failures,wood decay,wound |
| 4762 | Salix fragilis | Crack Willow | 18 | 6 | 84 | Over mature | High | Fair | Fair | 5 to 15 | No | Deciduous | |
| 4763 | Salix fragilis | Crack Willow | 18 | 8 | 136 | Over mature | High | Fair | Fair | 5 to 15 | No | Deciduous | dieback,previous failures,wood decay,wound, multi stemmed |
| 4767 | Salix fragilis | Crack Willow | 10 | 6 | 92 | Mature | High | Fair | Poor | 5 to 15 | No | Deciduous | |
| 4769 | Castanea sativa | Sweet Chestnut | 12 | 4 | 21 | Semi mature | Moderate | Fair | Good | 15 to 25 | No | Deciduous | |
| 4770 | Castanea sativa | Sweet Chestnut | 6 | 3 | 12 | Semi mature | Moderate | Fair | Good | 15 to 25 | No | Deciduous | Co dominants. |
| 4771 | Castanea sativa | Sweet Chestnut | 7 | 4 | 17 | Semi mature | Moderate | Fair | Good | 15 to 25 | No | Deciduous | |
| 4772 | Castanea sativa | Sweet Chestnut | 9 | 5 | 19 | Semi mature | Moderate | Fair | Fair | 25 to 50 | No | Deciduous | vandalism |
| 4773 | Populus deltoides | Cotton Wood | 25 | 7 | 50 | Mature | High | Fair | Good | 5 to 15 | No | Deciduous | One sided crown. Dieback, excessive lean. |
| 4774 | Populus deltoides | Cotton Wood | 25 | 8 | 60 | Mature | High | Fair | Good | 15 to 25 | No | Deciduous | |
| 4775 | Populus deltoides | Cotton Wood | 25 | 7 | 51 | Mature | High | Fair | Good | 15 to 25 | No | Deciduous | Tree label, cavity, wood decay, wound. |
| 4777 | Populus deltoides | Cotton Wood | 24 | 1 | 33 | Mature | High | Fair | Fair | 1 to 5 | No | Deciduous | Wound near base of trunk. Wood decay, cavity. |
| 4778 | Populus deltoides | Cotton Wood | 24 | 4 | 39 | Mature | High | Fair | Good | 5 to 15 | No | Deciduous | previous failures |
| 4779 | Populus deltoides | Cotton Wood | 25 | 7 | 55 | Mature | High | Fair | Poor | 5 to 15 | No | Deciduous | cavity,wood decay,wound,codominants,Multi-stemmed trunks,root disturbance |
| 4780 | Populus deltoides | Cotton Wood | 38 | 12 | 100 | Mature | High | Good | Fair | 15 to 25 | No | Deciduous | Large codominant stem has been removed. Cavity, high co dominant. |
| 4781 | Ulmus procera | English Elm | 24 | 5 | 45 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | One sided crown. Insect attack |
| 4782 | Ulmus procera | English Elm | 22 | 6 | 38 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 4783 | Ulmus procera | English Elm | 19 | 6 | 48 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 4784 | Ulmus procera | English Elm | 18 | 6 | 48 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 4785 | Ulmus procera | English Elm | 16 | 5 | 40 | Mature | High | Fair | Good | 25 to 50 | No | Deciduous | insect attack |

Arts Centre

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|--------|------------------------------------|-------------------------------|----|---|----|-------------|----------|------|------|----------|----|-----------|-----------------------------|
| 4786 | Ulmus procera | English Elm | 22 | 6 | 48 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 4787 | Ulmus procera | English Elm | 16 | 6 | 46 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 4788 | Ulmus procera | English Elm | 14 | 7 | 45 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 4789 | Ulmus procera | English Elm | 20 | 5 | 40 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | insect attack |
| 5128 | Gleditsia triacanthos | Honey Locust | 8 | 5 | 21 | Semi mature | Moderate | Good | Fair | 25 to 50 | No | Deciduous | |
| 5130 | Gleditsia triacanthos | Honey Locust | 6 | 4 | 16 | Semi mature | Moderate | Good | Fair | 25 to 50 | No | Deciduous | vandalism |
| 411611 | Ulmus procera | English Elm | 5 | 1 | 7 | Young | Low | Fair | Good | 50+ | No | Deciduous | Co dominant. Insect attack. |
| 411612 | Ulmus procera | English Elm | 3 | 1 | 3 | Young | Low | Fair | Fair | 50+ | No | Deciduous | insect attack |
| 411613 | Ulmus procera | English Elm | 1 | 1 | 1 | Young | Low | Poor | Poor | 1 to 5 | No | Deciduous | insect attack |
| 411614 | Ulmus procera | English Elm | 2 | 1 | 2 | Young | Low | Fair | Fair | 50+ | No | Deciduous | insect attack |
| 411850 | Malus floribunda | Japanese Crab Apple | 2 | 1 | 1 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411851 | Malus floribunda | Japanese Crab Apple | 3 | 1 | 3 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411852 | Malus floribunda | Japanese Crab Apple | 2 | 1 | 3 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411853 | Malus floribunda | Japanese Crab Apple | 2 | 1 | 2 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411854 | Malus floribunda | Japanese Crab Apple | 3 | 1 | 2 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 412065 | Betula pendula | Silver Birch | 4 | 1 | 4 | Young | Low | Good | Good | 50+ | No | Deciduous | |
| 412910 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |
| 412911 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |
| 412912 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |
| 412913 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |
| 412914 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 1 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |
| 412915 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |
| 412916 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |
| 412917 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 1 | Young | Low | Good | Good | 50+ | No | Conifer | |

Arts Centre

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|--------|---------------------------------------|----------------------------------|---|---|---|-------|-----|------|------|-----|----|---------|--|
| 412918 | Cupressus sempervirens swanes gold | Swanes Golden Italian Cypress | 2 | 1 | 2 | Young | Low | Good | Good | 50+ | No | Conifer | |
|--------|---------------------------------------|----------------------------------|---|---|---|-------|-----|------|------|-----|----|---------|--|

Manning Clarke

| ANU Tree ID | Genus Species | Common Name | Height | Crown Radius | DBH | Tree Age | SIGNIFICANCE | Tree Health | Tree Structure | ULE | Habitat | Classification | Comments |
|-------------|-------------------------|---------------------|--------|--------------|-----|-------------|--------------|-------------|----------------|----------|---------|------------------|---------------------------------|
| 5100 | Ulmus procera | English Elm | 14 | 7 | 57 | Mature | High | Good | Fair | 15 to 25 | No | Deciduous | |
| 5101 | Robinia pseudoacacia | Black Locust | 9 | 5 | 27 | Mature | Moderate | Good | Fair | 25 to 50 | No | Deciduous | |
| 5153 | Populus nigra 'Italica' | Lombardy Poplar | 20 | 5 | 75 | Mature | High | Good | Fair | 15 to 25 | No | Deciduous | |
| 5154 | Populus nigra 'Italica' | Lombardy Poplar | 18 | 2 | 45 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | |
| 5155 | Populus nigra 'Italica' | Lombardy Poplar | 15 | 2 | 32 | Mature | High | Poor | Fair | 5 to 15 | No | Deciduous | |
| 5156 | Populus nigra 'Italica' | Lombardy Poplar | 18 | 2 | 48 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | Co dominant |
| 5157 | Eucalyptus bicostata | Eurabbie | 18 | 7 | 81 | Mature | High | Good | Fair | 25 to 50 | No | Other eucalyptus | |
| 5159 | Eucalyptus bicostata | Eurabbie | 23 | 4 | 50 | Mature | High | Good | Fair | 25 to 50 | No | Other eucalyptus | |
| 5162 | Eucalyptus mannifera | Brittle Gum | 10 | 3 | 23 | Semi mature | Moderate | Fair | Fair | 5 to 15 | No | Other eucalyptus | |
| 5163 | Eucalyptus scoparia | Wallangarra Gum | 15 | 5 | 34 | Mature | High | Good | Fair | 50+ | No | Other eucalyptus | |
| 5165 | Eucalyptus scoparia | Wallangarra Gum | 12 | 5 | 27 | Semi mature | Moderate | Good | Fair | 25 to 50 | No | Other eucalyptus | |
| 5166 | Eucalyptus leucoxylon | Yellow Gum | 8 | 3 | 12 | Semi mature | Moderate | Fair | Fair | 15 to 25 | No | Other eucalyptus | |
| 5168 | Liriodendron tulipifera | Tulip Tree | 9 | 3 | 16 | Semi mature | Moderate | Good | Good | 50+ | No | Deciduous | |
| 5169 | Ginkgo biloba | Maiden Hair Tree | 11 | 4 | 26 | Semi mature | Moderate | Good | Good | 50+ | No | Conifer | |
| 5170 | Ginkgo biloba | Maiden Hair Tree | 11 | 4 | 22 | Semi mature | Moderate | Good | Good | 50+ | No | Conifer | |
| 5171 | Eucalyptus viminalis | Manna Gum | 22 | 8 | 75 | Mature | High | Good | Good | 50+ | No | Other eucalyptus | previous failures,wound |
| 5172 | Eucalyptus viminalis | Manna Gum | 17 | 7 | 59 | Mature | High | Good | Fair | 50+ | No | Other eucalyptus | |
| 5173 | Eucalyptus viminalis | Manna Gum | 20 | 6 | 58 | Mature | High | Good | Good | 50+ | No | Other eucalyptus | |
| 5174 | Ginkgo biloba | Maiden Hair Tree | 9 | 4 | 13 | Semi mature | Moderate | Good | Good | 50+ | No | Conifer | |
| 5175 | Ginkgo biloba | Maiden Hair Tree | 10 | 4 | 16 | Semi mature | Moderate | Good | Good | 50+ | No | Conifer | |
| 5176 | Sapium sebiferum | Chinese Tallow Tree | 11 | 3 | 24 | Mature | Moderate | Fair | Good | 25 to 50 | No | Deciduous | |
| 5177 | Sapium sebiferum | Chinese Tallow Tree | 10 | 4 | 20 | Mature | Moderate | Fair | Fair | 15 to 25 | No | Deciduous | |
| 5178 | Sapium sebiferum | Chinese Tallow Tree | 8 | 3 | 17 | Mature | Low | Good | Good | 15 to 25 | No | Deciduous | |
| 5179 | Ulmus parvifolia | Chinese Elm | 12 | 6 | 29 | Mature | Moderate | Good | Good | 50+ | No | Deciduous | root disturbance,minor deadwood |

Manning Clarke

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|------|-------------------------------------|-----------------------|----|---|---------|-------------|----------|------|------|----------|----|------------------|---|
| 5541 | Salix x sepulcralis 'Chrysocoma' | Golden Weeping Willow | 10 | 5 | 30-60cm | Mature | Moderate | Fair | Fair | 5 to 15 | No | Deciduous | Multi stemmed, Cavity. Wound with wood decay at base. |
| 5543 | Ulmus procera | English Elm | 15 | 6 | 61 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | cavity,codominants,previous failures,wood decay |
| 5544 | Ulmus procera | English Elm | 15 | 5 | 50 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | insect attack,previous failures,wound. One sided crown. |
| 5545 | Ulmus procera | English Elm | 14 | 5 | 34 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | |
| 5546 | Ulmus procera | English Elm | 12 | 5 | 39 | Mature | Moderate | Fair | Fair | 15 to 25 | No | Deciduous | insect attack |
| 5549 | Ulmus procera | English Elm | 9 | 4 | 28 | Mature | Moderate | Fair | Fair | 15 to 25 | No | Deciduous | |
| 5550 | Ulmus procera | English Elm | 19 | 2 | 23 | Mature | Moderate | Poor | Fair | 5 to 15 | No | Deciduous | dieback,insect attack |
| 5552 | Ulmus procera | English Elm | 11 | 5 | 36 | Mature | Moderate | Good | Fair | 15 to 25 | No | Deciduous | dieback,insect attack |
| 5553 | Ulmus procera | English Elm | 9 | 4 | 33 | Mature | Moderate | Fair | Fair | 5 to 15 | No | Deciduous | insect attack |
| 5554 | Hakea petiolaris | Sea Urchin Hakea | 5 | 3 | 24 | Mature | Moderate | Fair | Fair | 5 to 15 | No | NA | |
| 5555 | Hakea petiolaris | Sea Urchin Hakea | 5 | 3 | 24 | Mature | Moderate | Fair | Fair | 5 to 15 | No | NA | |
| 5556 | Hakea petiolaris | Sea Urchin Hakea | 5 | 2 | 0-30cm | Mature | Moderate | Fair | Fair | 5 to 15 | No | Evergreen | Multi stemmed. |
| 5557 | Hakea petiolaris | Sea Urchin Hakea | 4 | 3 | 15 | Mature | Moderate | Fair | Fair | 5 to 15 | No | Evergreen | Multi stemmed. |
| 5558 | Hakea petiolaris | Sea Urchin Hakea | 6 | 3 | 0-30cm | Mature | Moderate | Fair | Poor | 5 to 15 | No | Evergreen | Multi stemmed. |
| 5560 | Eucalyptus scoparia | Wallangarra Gum | 13 | 3 | 20 | Semi mature | Moderate | Fair | Fair | 15 to 25 | No | Other eucalyptus | |
| 5561 | Eucalyptus scoparia | Wallangarra Gum | 11 | 3 | 19 | Semi mature | Moderate | Fair | Good | 25 to 50 | No | Other eucalyptus | |
| 5562 | Eucalyptus scoparia | Wallangarra Gum | 10 | 4 | 21 | Semi mature | Moderate | Fair | Fair | 25 to 50 | No | Other eucalyptus | |
| 5563 | Eucalyptus rubida | Candle Bark Gum | 9 | 2 | 13 | Semi mature | Moderate | Fair | Good | 15 to 25 | No | Other eucalyptus | |
| 5564 | Eucalyptus scoparia | Wallangarra Gum | 6 | 1 | 7 | Semi mature | Low | Poor | Poor | 1 to 5 | No | Other eucalyptus | |
| 5565 | Eucalyptus rubida | Candle Bark Gum | 9 | 3 | 17 | Semi mature | Moderate | Good | Good | 25 to 50 | No | Other eucalyptus | |
| 5566 | Eucalyptus rubida | Candle Bark Gum | 16 | 6 | 50 | Mature | High | Fair | Fair | 5 to 15 | No | Other eucalyptus | Wound and wood decay |
| 5567 | Eucalyptus rubida | Candle Bark Gum | 15 | 4 | 42 | Mature | High | Fair | Poor | 5 to 15 | No | Other eucalyptus | 6 mt vertical wound on trunk. |
| 5568 | Eucalyptus rubida | Candle Bark Gum | 12 | 4 | 40 | Mature | Moderate | Fair | Poor | 5 to 15 | No | Other eucalyptus | |
| 5569 | Eucalyptus rubida | Candle Bark Gum | 12 | 4 | 43 | Mature | Moderate | Fair | Fair | 5 to 15 | No | Other eucalyptus | |
| 5570 | Eucalyptus rubida | Candle Bark Gum | 16 | 4 | 47 | Mature | High | Fair | Poor | 5 to 15 | No | Other eucalyptus | Long vertical wound on trunk. |
| 5571 | Eucalyptus mannifera | Brittle Gum | 8 | 2 | 15 | Semi mature | Moderate | Good | Good | 50+ | No | Other eucalyptus | |
| 5579 | Eucalyptus melliodora | Yellow Box | 13 | 5 | 40 | Semi mature | Moderate | Good | Fair | 25 to 50 | No | Other eucalyptus | Co dominant |
| 5580 | Eucalyptus blakelyi | Blakely's Red Gum | 10 | 5 | 32 | Semi mature | Moderate | Fair | Fair | 25 to 50 | No | Other eucalyptus | poor union,previous failures,wound |

Manning Clarke

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|--------|-----------------------|---------------------|----|---|--------|-------------|----------|------|------|----------|----|------------------|--|
| 5592 | Eucalyptus bicostata | Eurabbie | 27 | 9 | 110 | Mature | High | Fair | Fair | 25 to 50 | No | Other eucalyptus | |
| 5593 | Eucalyptus bicostata | Eurabbie | 29 | 7 | 77 | Mature | High | Fair | Fair | 25 to 50 | No | Other eucalyptus | poor union |
| 5594 | Eucalyptus bicostata | Eurabbie | 22 | 4 | 38 | Mature | High | Fair | Fair | 15 to 25 | No | Other eucalyptus | poor union,supressed |
| 410587 | Eucalyptus mannifera | Brittle Gum | 8 | 1 | 12 | Young | Moderate | Good | Good | 50+ | No | Other eucalyptus | |
| 410588 | Agathis robusta | Queensland Kauri | 6 | 2 | 9 | Semi mature | Moderate | Good | Good | 50+ | No | Conifer | Hitting roof |
| 410589 | Agathis robusta | Queensland Kauri | 5 | 1 | 7 | Semi mature | Low | Good | Good | 50+ | No | Conifer | |
| 410590 | Agathis robusta | Queensland Kauri | 6 | 1 | 9 | Semi mature | Moderate | Good | Good | 50+ | No | Conifer | |
| 410921 | Carya illinoensis | Pecan | 12 | 6 | 32 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | Deck compromising tree |
| 410922 | Ulmus picturata | Picture Elm | 16 | 7 | 61 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | Deck & roof needs to be modified. |
| 410923 | Carya illinoensis | Pecan | 15 | 7 | 40 | Mature | High | Good | Good | 25 to 50 | No | Deciduous | Deck needs to be modified. Previous failures |
| 411514 | Eucalyptus leucoxylon | Yellow Gum | 2 | 1 | 2 | Young | Low | Fair | Fair | 25 to 50 | No | Other eucalyptus | |
| 411702 | Sapium sebiferum | Chinese Tallow Tree | 6 | 3 | 14 | Semi mature | Moderate | Good | Good | 25 to 50 | No | Deciduous | |
| 411703 | Sapium sebiferum | Chinese Tallow Tree | 5 | 2 | 13 | Semi mature | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411704 | Sapium sebiferum | Chinese Tallow Tree | 4 | 1 | 8 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411705 | Acer palmatum | Japanese Maple | 3 | 2 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411706 | Acer palmatum | Japanese Maple | 3 | 2 | 0-30cm | Young | Low | Good | Good | 25 to 50 | No | Deciduous | |
| 411856 | Pyrus calleryana | Callery Pear | 3 | 1 | 4 | Young | Low | Good | Good | 25 to 50 | No | Deciduous | Variety is Cleveland select |
| 412571 | Ulmus procera | English Elm | 14 | 5 | 38 | Mature | High | Fair | Fair | 15 to 25 | No | Deciduous | insect attack |
| 412691 | Eucalyptus mannifera | Brittle Gum | 16 | 7 | 55 | Mature | High | Good | Good | 25 to 50 | No | Other eucalyptus | |
| 412693 | Eucalyptus rubida | Candle Bark Gum | 8 | 1 | 8 | Young | Low | Fair | Fair | 25 to 50 | No | Other eucalyptus | |
| 412694 | Eucalyptus rubida | Candle Bark Gum | 5 | 2 | 11 | Young | Low | Good | Fair | 25 to 50 | No | Other eucalyptus | |
| 412695 | Eucalyptus rubida | Candle Bark Gum | 7 | 1 | 10 | Young | Moderate | Good | Good | 25 to 50 | No | Other eucalyptus | |
| 412696 | Eucalyptus rubida | Candle Bark Gum | 4 | 1 | 5 | Young | Low | Good | Fair | 25 to 50 | No | Other eucalyptus | |

TREE REPORT

LOCATION Union Court, Manning Clarke, John Dedman, Arts Centre and surrounding areas (WA06)

AUTHOR University Arborist, R2

DATE Wednesday, 19th April, 2017

TO Robert Hitchcock

Introduction

This report has been prepared in response to a proposal to redevelop Union Court. The proposed development includes the basement excavation and the North Loop and West Loop Roads (excluding the work at the end of Kingsley Street, near the CBE). The site area includes Union Court, Manning Clarke, John Dedman, the Arts Centre and surrounding areas.

As highlighted in my previous report there are a number of tree removals required to facilitate a construction project of this enormous scale.

This report is based on concept plans so no comment on the implications of proposed works for installation of new services etc. to trees outside of the site will be made at this stage apart from a general comment that any construction should endeavour to work outside of tree protection zones especially for exceptional trees. Any works outside of the site will require sign off (permission to dig) from the University Arborist.

Five "Charles Weston" Cedars along University Ave are to be retained. A more detailed report for the retention of these trees will accompany the Works Application (WA07) for University Ave. There are no trees retained within the development site apart from a group of elms and some young plantings within the site shed area near the creek. All other trees will be fenced out for protection of the construction site.

A total of two hundred and twenty three trees will require removal for this first stage of the proposed development, sixty one high quality, ninety two moderate and seventy low quality trees. The University has committed to a one-to-one replacement ie for each tree removed it will be replaced.

Several trees will be transplanted as part of the proposed works. Unfortunately the Tulip tree #5168 is not a suitable candidate for moving as the species has poor tolerance to root disturbance. At least two *Sequoiadendron giganteum* #5136 and #5118 from Union court will be relocated and if possible the largest one #5134. The redwoods can be relocated to University Avenue West near the new Chemistry building to strengthen the line of original Charles Weston plantings. The four good Ginkgo trees from the John Dedman courtyard #5169, 5170, 5174 and 5175 will be relocated to the lawn area next to the Old Canberra House tennis courts along with one of the *Sapium sebiferum* #5176. If possible the other two *Sapium*'s could be relocated to University House Scarth Room Main entrance. (Please see additional information for tree relocation sites)

Site and Existing Trees

The Union Court area is comprised of mostly exotic deciduous trees that were planted when the area was last redeveloped in 2000. At that time all of the over mature white poplar trees were removed for safety reasons. Replacement plantings are just now starting to provide amenity value.

Plantings of *Ulmus picturata* and *Sequoiadendron giganteum* continue on from University avenue West. The lawns are planted out with *Ulmus parvifolia* bordered by *Prunus cerasifera nigra*. Being the hub of the campus Union Court is a very busy place but the existing landscape design does not provide safe vehicle, pedestrian and cyclist movement.

There are a couple of good high quality trees at Vivaldi's, *Magnolia grandiflora* and a *Melia azedarach* planted by a member of the emeritus faculty at the front entrance. A *Fraxinus excelsior* creates an attractive, leafy courtyard in the Arts Centre.

Due to the size of the excavation for the basement carpark it is not possible to retain any trees in Union Court.

Sullivan's creek is a primary corridor, biodiversity management zone. Along the creek near Vivaldi's and on the southern side of Union Court Bridge there are many good sized *Salix babylonica*. On the Northern side of the bridge there are mass plantings of attractive *Eucalyptus mannifera* and *Melaleuca linarifolia* near the Uni bar deck. These trees provide a lovely screen and good habitat for wildlife along Sullivan's Creek.

Based on the information provided to me all of the above mentioned trees will require removal for this project.

Across the creek near the Health Centre are large specimens of *Populus nigra 'italica'* as well as *Betula pendula* and other exotic species. Only three low quality trees will require removal at this location to provide a construction loading area off North Road.

At the rear of the Arts Centre is an attractive wisteria covered pergola and fairly recent plantings of Golden Italian Cypress along the back wall. There is one remaining Catalpa which has always struggled in the surrounding pavement. In the irrigated lawns towards Winston Walk are mixed plantings of deciduous trees including some over mature Crack willow's, mature poplars, sweet Chestnut (the best on campus), a lovely group of English Elms along the creek bank and new Crab apple plantings.

All of the above mentioned trees and landscape from the Arts Centre to Winston Walk will require removal for this project, namely the new swimming pool.



Wisteria covered pergola and new golden cypress at
The rear of Arts centre



E. mannifera and Melaleucas along Uni bar & crk

The beer garden at the Uni Bar contains three fine specimen shade trees growing in the deck, one Elm #410922 and two good Pecans #410921 and 410923. Further along the creek are some reasonable Lombardy Poplars and Blue Gums with #5992 the best of the group.



Bushland setting at rear of Manning Clarke

At the rear of Manning Clarke is a native bush land setting comprised of Eucalyptus plantings - *E. rubida*, *E. scoparia* and *E. mannifera* with a good understory of planted native grass (*Poa* and *danthonia*) and *Acacia boormanii*. The green space provides good shading from the hot afternoon sun and shelter for small birds. None of the large Eucalypts are in very good condition except for the high quality *E. mannifera* 412691. Many of the old *E. rubidas* (candlebark) have been given generous useful life expectancies because they are acceptable growing in the current native grass landscape but in reality they are nearing the end of their useful life expectancy, in general the value lies within the group planting and overall landscape.



John Dedman Courtyard – Sapium’s and Ginkgo trees to be relocated

The John Dedman Courtyard which was created in 1995 contains some really lovely trees including Chinese Tallow trees, Ginkgo’s, a Chinese Elm and a Tulip tree. There are also three large Ribbon Gums within the courtyard. The attractive landscape is established now and the space works really well. I understand it is impossible to retain any trees at this location due to the change in levels required for the new road so suitable candidates for transplanting have been identified. (please see trees for relocation)

It appears the proposed new North Loop Road will impact on some Exceptional *Quercus bicolor* Oak trees on Kingsley Street near CBE. More work by the architects is required before I know the full implications.

- A total of sixty one High quality trees require removal #5145, 5147, 5148, 5150, 5151, 9865-8, 5109-5117, 5134, 4845, 4857, 4759- 4760, 4762, 4763, 4767, 4773-5, 4777-80, 4781-89, 5100, 5153 -6, 5157, 5159, 5163, 5171-3, 5566 -7, 5570, 5992-4, 410921, 410922 and 410923.

The evergreen Magnolia #5145 and Melia #5147 located at the front of Vivaldi's are both good specimen trees. The good sized weeping willows surrounding the outdoor coffee area are also attractive trees, apparently they are original plantings from the pre Canberra agricultural period. The trees are however, becoming over mature now with the biggest ones requiring a fair amount of maintenance due to poor unions and wood decay. The trees have had a number of failures in recent years, during the severe windstorm in January this year willow #9864 snapped at the trunk and ended up in the creek.

All of the Picture Elms in union court will require removal. These trees are just starting to develop into a nice avenue planting after years of formative pruning and insect control. Currently the trees require stem injecting every two years to control Elm Leaf Beetle. Due to restricted growing space the trees have created some trip hazard problems within the pavement areas. Careful consideration to growing room or use of structural cells/strata cells and correct spacing for new tree plantings so they can provide maximum benefit needs to be a top priority for the landscape component of this development to ensure replacement trees thrive.

The largest of the Giant Redwoods is #5134 but it is now starting to have a lot of foliage brown off due to seridium canker, that is why I have nominated the smaller #5136 as the best candidate to transplant.



High quality Magnolia #5145 and Melia #5147



High quality Redwood #5134 (to be Relocated if possible.)



Group of high quality weeping willows near Vivaldi's



Picture Elms in Union Court

Five mostly over mature crack willows will require removal behind the Arts centre along with seven large cotton wood poplars of which #4780, 4774-5 are the best of the group. There is a group of nine good Elms along the creek bank that will require removal #4781-9, which is a shame as they are good healthy shade trees that have withstood Elm Leaf Beetle more so than any other Elms on campus due to good growing conditions.



Poplars #4775, 4774, 4773



Poplars and group of nice Elms near crk @ rear of Arts centre

The English Elm #5100 located at the entrance to the Manning Clarke building that was previously going to be retained will now require removal for the demolition of Manning Clarke and the new road. Additional removals are now required North of Manning Clarke. The Eucalyptus and Native grass bank will be utilised by the builders for materials handling during construction, also there are significant level changes in and around this area for the main works, being North Loop Road and associated services diversions. As such the works will be impacting substantially in this area. In addition to my previous report a further twenty trees now require removal – that is all trees within the grassland bank. The dryland grassed area across the road, alongside the creek will be utilised for site sheds and facilities but no trees will require removal there. The sheds will be positioned so they do not have a negative impact on surrounding Elm trees and all other smaller trees within the site will be protected. A Site Establishment meeting with the University Arborist will be required to confirm site shed layout.



Area to be utilised for site sheds

Near Manning Clarke four okay Lombardy poplars will require removal along with five Blue gums, #5992 is the best one. Other good high quality Eucalyptus removals include *E. mannifera* #412691, *E. scoparia* #5163 and three good *E. viminalis* #5171-3 in the John Dedman courtyard. High quality candlebark gums for removal include #5566, 5567 and 5570 but as previously mentioned they are not in very good condition and would not be suitable for retention in any other landscape treatment other than the current one.

The three good amenity trees (2 Pecans and one Elm # 410921-3) at the rear of the Uni Bar are the most notable trees of all the high quality trees for removal. Tree #410923 is a particularly good specimen, fortunately we have one other located at University House. The picture Elm #410922 is also a standout specimen. Currently all three trees are beginning to be compromised by the surrounding deck which has been modified in the past to allow for tree growth.



Pecan #410923



Picture Elm # 410922



Ribbon Gums #5171-3



Blue gum # 5992



Eucalyptus – 412691



English Elm - 5100

- Moderate trees for removal (A total of ninety two) #4790, 5135, 5136, 5146, 5149, 5152, 410554, 410591-410622, 412709 -10, 5104-5107, 5108, 5119, 5120, 5122, 5124, 5125-5127, 4755, 4769-72, 5128, 5130, 5101, 5162, 5165, 5166, 5168, 5169, 5170, 5174 5175, 5176, 5177, 5179, 5550, 5553, 5556-58, 5560-62, 5563, 5565, 5568, 5569, 5571, 5579, 5580, 410587, 410588, 410590, 411702, 412695.

Of the moderate rated trees for removal the most notable trees in Union court are the Chinese Elms growing in the lawns. It is unfortunate to lose these trees because they have taken off in the last couple of years and finally provide some well needed shade.

The removal of the Ash tree #410554 in Vivaldi's courtyard will be unavoidable with the demolition of the Arts Centre. Also the Ash tree #5124 outside the Co-op bookshop is currently looking good, it had suffered a lot of

dieback and nearly required removal after the drought but since being dead wooded and crown reduced the tree has bounced back incredibly well.

There is also a vigorous Pear tree #5108 outside the University Union and some reasonable Birch trees located near the ramp.

Unfortunately the group of brittle gums and melaleuca's along the Uni bar deck and creek will now require removal. These trees are just starting to look good now. I understand the appeal to open up views to the creek but it is also important to maintain good shrub cover and provide habitat for the more desirable bird species and other creatures within the Sullivan's creek biodiversity corridor.

Near the Arts centre one average Catalpa and two reasonable Gleditsia's will require removal – these trees have been hit and damaged by trucks a number of times. Five good sweet Chestnuts (4769-72) will also require removal which is unfortunate because there is only one other sweet chestnut on campus located near the health centre and it is not as good as these ones.

Over at the Manning Clarke building one Black Locust, three *Hakea petiolaris* and fifteen fair mixed Eucalypts will require removal. The most notable moderate trees for removal in the John Dedman courtyard include the Tulip tree which unfortunately is not suitable for transplanting and the Ginkgo's. All four Ginkgo's will be relocated along with three *Sapium*'s which have grown really well at this location. The best of the *Sapium*'s for relocating are 411702-4, the other larger trees are planted too close to the building.

I should also mention the Chinese Elm #5179, it is a good tree but has previously had some root disturbance when the concrete slab nearby had to be replaced due to a significant trip hazard caused by the trees roots. There are also a couple of Queensland Kauri pines located under the walkway from the student union building to the Health Centre. The trees were lopped earlier this year to clear the building.



Semi mature Chinese Elms at Union Court



Catalpa near Arts Centre #4755



Ash #5124



Manchurian Pear # 5108



Group of sweet Chestnuts, rear of Arts centre



Ginkgo's #5170, 5169 and Liriodendron #5168



Tulip tree flowers #5168



Sapium's and Chinese Elm #5179



Giant Redwood #5136 would be the best redwood to transplant.

- Low Quality trees for removal (a total of seventy) #5141-4, 5852, 412572 -3, 5118, 5121, 5123, 5137-40, 411602 – 411610, 411707, 412496-412511, 411611- 411614, 411850- 411854, 412910-412918, 5178, 5564, 410589, 411514, 411703, 411704, 411705, 411706, 411856, 412693-4 and 412696.

All of the Purple Cherry Plums in Union Court will be removed. It would be good to incorporate new Cherry Plum trees into the new landscape to maintain Charles Weston's original planting theme from University Avenue West right through to University Avenue East and because they are attractive trees that flower around Open Day.

The small stunted redwood #5118 will be transplanted to University Avenue West.

All of the newly planted Crepe myrtles in the rooftop garden will require removal. I should also mention there are a couple of good *Osmanthus fragrans* shrubs (not on tree database) near the steps at Union Court that will also be removed.

Four young English Elms, five good new Crab Apples and all of the Golden Italian Cypress near the Arts centre will require removal.

On the bank near the Health Centre two young Birch trees and one Melia will require removal.

Near Manning Clarke and John Dedman there are a couple of Low rated Sapiums and Eucalyptus plus a Callery Pear new planting to be removed. One of the Karri Pines near the uni bar is rated low and there are two good Japanese Maples #411705 & 6 located on the southern side of CBE. Both trees will require removal for the new road.



Purple Cherry Plums in Union Court



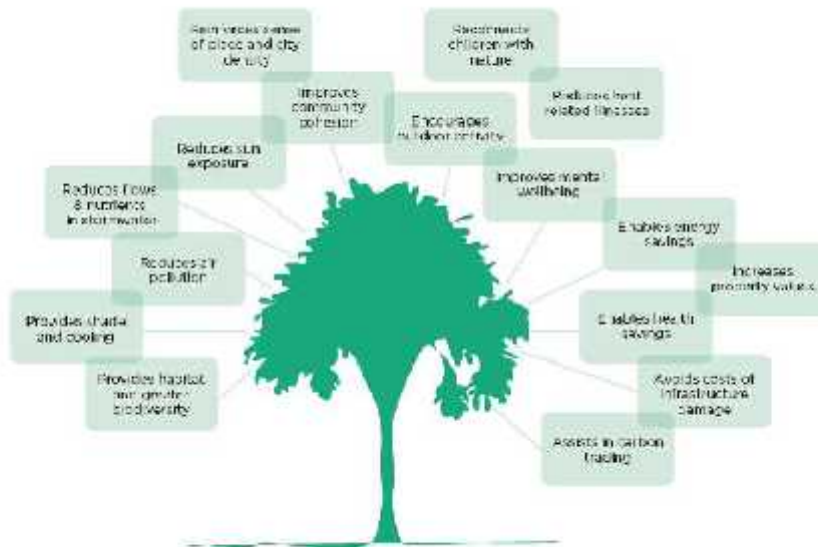
Crepe Myrtles on rooftop garden

Summary

The new space will incorporate accommodation, new businesses, social and cultural events and accessibility for all with a primary focus on entertainment, the Arts and student wellbeing. The general feel of the precinct will be more vibrant with a flow on connection to the city. The area will be even busier and open twenty four hours a day so consideration to security, vehicle access, car and bicycle parking, cycle and pedestrian movement is a high priority.

Overall the proposed redevelopment of Union Court and surrounds is a major change so tree losses are inevitable. Given the size of the development, the scope of works and required change in levels many of the removals are simply unavoidable and no trees will be retained within the site. Union Court will be a heat sink for the next ten years while new trees become established. As previously mentioned several trees will be relocated. (Please see Appendix - trees for relocation.)

Urban forest benefits



I look forward to continue working with the design team in regards to replacement tree species for the new landscape but it is my preference that as many good existing trees be retained as possible in future stages of development because it takes many years for new trees to establish.

Please let me know if you require any further information.

Melinda Walker
University Arborist
20/6/2017