

PAUL MCATOMNEY
LANDSCAPE ARCHITECT

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LANDSCAPE DEVELOPMENT APPLICATION

90 Harbord Road, Freshwater NSW 2096

LANDSCAPE INSTALLATION SPECIFICATION

TREE REMOVAL / TRANSPLANTING

- TREE SURGERY, PRUNING OR TREE REMOVAL WORKS ARE TO BE OVERSEEN BY A QUALIFIED ARBORIST, AS PER ARBORIST REPORT
- IRRIGATION INSTALLED IN LOCATION OF NEW PLANTINGS
- SOIL SURFACE TO BE MULCHED WITH WOOD CHIP AND LEAF LITTER TO 100MM THICK AND TOP UP MULCH WHEN REQUIRED IS TO BE 75MM THICK
- HAVE AREA FENCED OFF DURING CONSTRUCTION AS TO ACT AS A TREE PROTECTION ZONE

TREES TO BE RETAINED

- TREE PROTECTION TO BE INSTALLED FOR TREES TO BE RETAINED AS PER ARBORIST / COUNCILS SPECIFICATIONS

WEED ERADICATION

REMOVE ALL NOXIOUS AND LOCAL WEED SPECIES FROM THE SITE, INCLUDING ROOT ZONE. ENSURE THAT THIS MATERIAL IS EXPORTED OFF SITE AND DISPOSED OF CORRECTLY

PLANTER BEDS

- SOIL FOR PLANTINGS OVER SLAB OR CONTAINED AREAS. MINIMUM SOIL DEPTHS GUIDE FOR PLANTING ON ANY SLAB:
- SMALL TREES: MIN 900MM-1000MM EXCLUDING 75MM MULCH
- HEDGES: MIN 800MM EXCLUDING 75MM MULCH
- SHRUBS & GROUNDCOVERS: MIN 500MM EXCLUDING 75MM MULCH
- TURF: MIN 300MM EXCLUDING 75MM MULCH
- SUITABLE DRAINAGE IMPLEMENTED THROUGH USE OF AG LINES, DRAINAGE FLOW CELL AND GEOTECH FABRIC
- SOIL TO BE ANL PLANTER BOX MIX, OR EQUIVALENT. BLEND OF SOIL, COARSE SAND, GRADED ASH, NEPEAN SAND, COMPOSTED SAWDUST, BOTANY HUMUS AND COMPOSTED PINE BARK
- SOIL TO BE BETWEEN 20-50MM BELOW TOP OF RETAINING WALL HEIGHT, TO ALLOW FOR DROPPING

TURFING

- TURF TO BE LAID ON MINIMUM 100MM TURF UNDERLAY
- TURF UNDERLAY TO BE ANL SAND / SOIL BLEND, OR EQUIVALENT
- TURF TO BE SIR GRANGE ZOYSIA

MULCHING

- PLACE MULCH TO MINIMUM DEPTH OF 75MM, CLEAR OF PLANT STEMS, AND RAKE TO AN EVEN SURFACE FLUSH WITH THE SURROUNDING FINISHED LEVELS AND CONSISTENT IN DEPTH
- MULCH FOR GENERAL GARDEN AREAS, POTS AND PLANTERS TO BE AUSTRALIAN NATIVE LANDSCAPES (ANL) GREENLIFE MULCH AND COMPOST', OR EQUIVALENT

TREE PLANTING

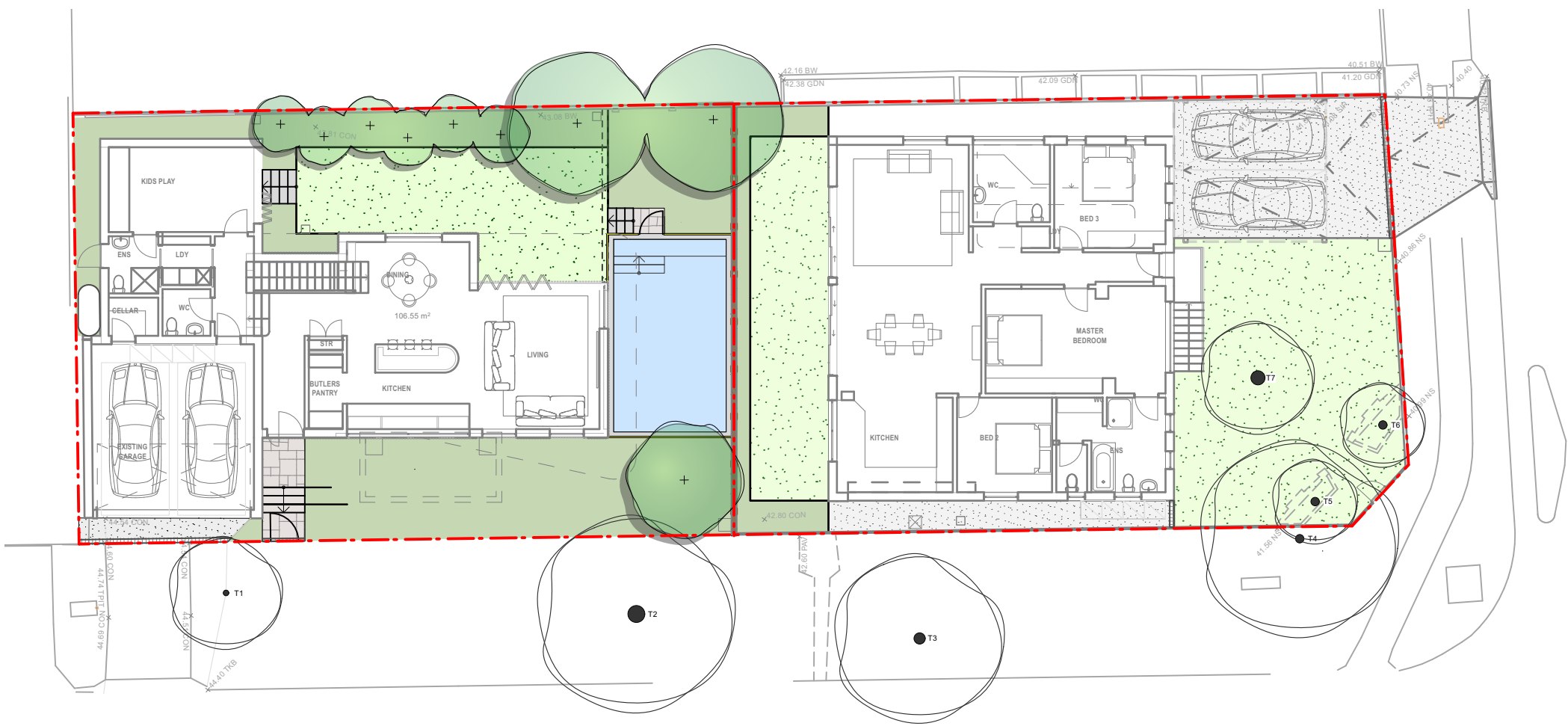
- EXCAVATE HOLES IN ACCORDANCE WITH DIMENSION OF CONTAINER. THE DEPTH OF THE HOLES IS TO BE EQUIVALENT TO THE CONTAINER HEIGHT PLUS 100MM AND THE WIDTH OF THE HOLE IS TO BE TWICE THAT OF THE CONTAINER
- LOCATE TREE TO CENTER OF HOLE AND BACKFILL WITH SOIL. FIRM ABOUT ROOTBALL
- ALL PLANT MATERIAL, 45 LITERS OR OVER, TO BE STAKED

IRRIGATION

- AUTOMATED IRRIGATION SYSTEM TO BE IMPLEMENTED. REPUTABLE IRRIGATION BRANDS ARE TO BE SOURCED.
- USE DRIP LINES WITH EMITTERS AT 300MM SPACING'S FOR ALL GARDEN BEDS
- USE POP-UP SPRAY HEADS FOR ALL LAWN AREAS. POP-UP SPRAY HEADS ARE TO BE SPACED ACCORDING TO PRODUCT SPECIFICATION
- CONCEAL IRRIGATION BELOW THE MULCH LAYER IN PLANTING AREAS AND 150MM BELOW THE SURFACE OF TURF AREAS. CONCEAL ALL COMPONENTS INCLUDING PIPEWORK, FITTINGS, VALVES AND CONTROL EQUIPMENT

DRAINAGE TO RETAINING WALLS

- PIPES TO BE 100MM SLOTTED, CONVOLUTED POLYETHYLENE PIPE
- PIPES SHALL BE BE LAID IN TRENCHES OF MINIMUM WIDTH OF 300MM
- DRAINS SHALL BE DISCHARGE DIRECTLY INTO THE STORMWATER SYSTEM
- LINES ARE TO BE LAID TO AN EVEN FALL ON A BED OF 40MM BLUE METAL. TRENCHES SHALL BE BACKFILLED WITH DRAINAGE AGGREGATE SO AS TO GIVE A MINIMUM 200MM COVER ALL ROUND
- BACKFILL ABOVE DRAINAGE AGGREGATE SHALL BE RIVER SAND, TOPSOIL OR PLANTING MIX, RELATING TO TRENCH LOCATION



COUNCIL REQUIREMENTS

THE LANDSCAPE PLAN IS IN GENERAL ACCORDANCE WITH THE FOLLOWING COUNCIL PLANNING CONTROLS:

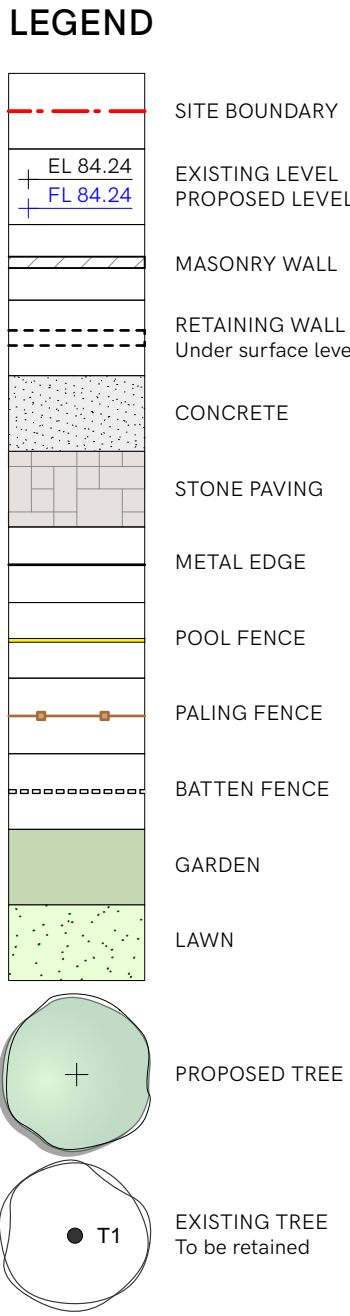
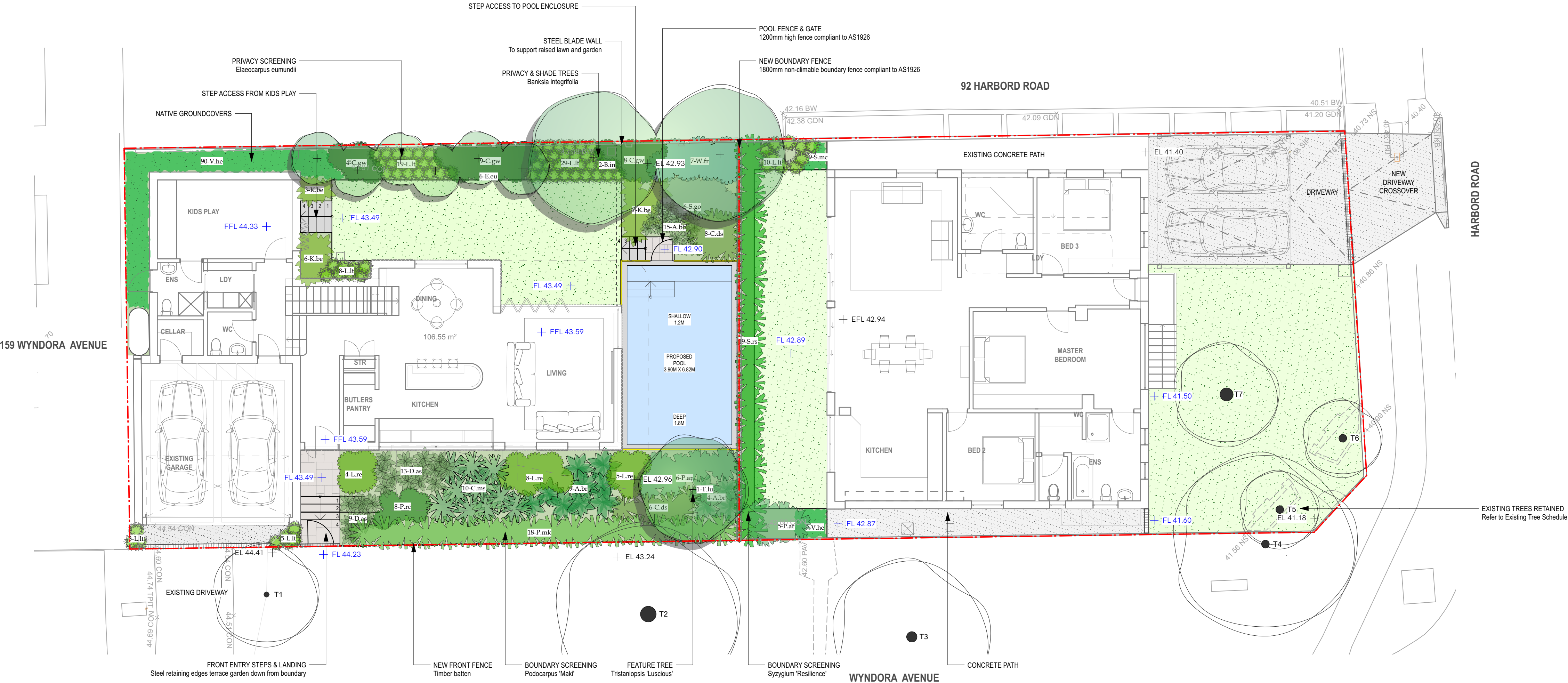
- WARRINGAH LOCAL ENVIRONMENT PLAN 2011
- WARRINGAH DEVELOPMENT CONTROL PLAN 2011

PREPARED FOR

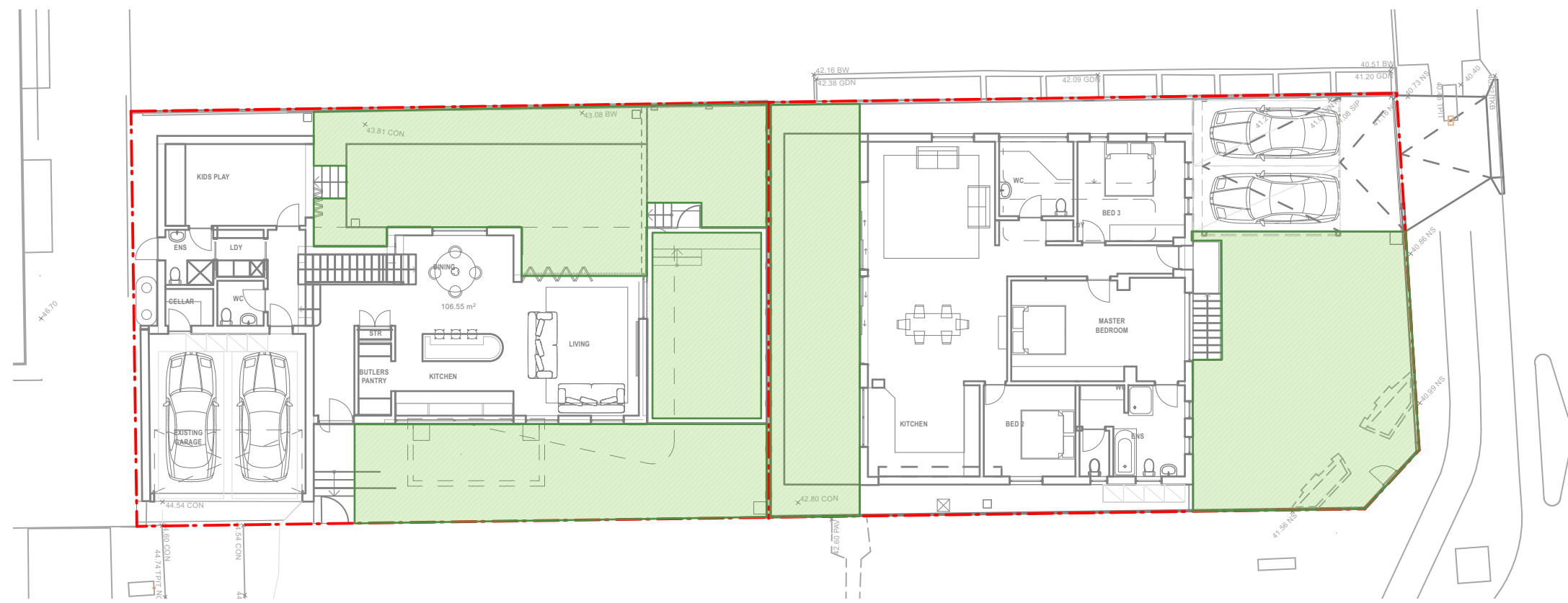
James Campbell & Amelia Barry

B

Revision A



1 LANDSCAPE CONCEPT PLAN
Scale: 1:100



| SITE CALCULATIONS | | | |
|-------------------|----------|---------|----------|
| ZONE | AREA | PERCENT | COMPLIES |
| Site Area | 711.5 m2 | | |
| Landscaped Area | 286.2 m2 | 40.2% | YES |

| EXISTING TREE SCHEDULE | | | |
|------------------------|-----------------------|---------------------|--------|
| ID | BOTANICAL NAME | COMMON NAME | ACTION |
| T1 | Callistemon citrinus | Scarlet Bottlebrush | Retain |
| T2 | Lophostemon confertus | Brisbane Box | Retain |
| T3 | Callistemon citrinus | Scarlet Bottlebrush | Retain |
| T4 | Lagerstroemia indica | Crepe Myrtle | Retain |
| T5 | Ficus Hillii | Hills Weeping Fig | Retain |
| T6 | Ficus Hillii | Hills Weeping Fig | Retain |
| T7 | Cupressus spp. | Cypress | Retain |

| PLANT SCHEDULE | | | | | |
|---------------------|-----|---------------------------------|----------------------|----------|---------|
| ID | QTY | BOTANICAL NAME | COMMON NAME | POT SIZE | REMARKS |
| TREES | | | | | |
| B.in | 2 | Banksia integrifolia | Coastal Banksia | 100L | Native |
| E.eu | 6 | Elaeocarpus eumundii | Quandong | 100L | Native |
| P.mk | 18 | Podocarpus macrophylla Maki | Plum Pine | 25L | |
| S.rs | 19 | Syzygium australe 'Resilience' | Dwarf Lilly Pilli | 25L | Native |
| T.lu | 1 | Tristanopsis laurina 'Luscious' | Water Gum | 100L | Native |
| SHRUBS | | | | | |
| A.br | 13 | Allocasia brisbanensis | Elephant's Ear | 200mm | |
| C.ds | 14 | Carissa 'Desert Star' | Natal Plum | 200mm | |
| C.gw | 21 | Casuarina glauca 'Green Wave' | Green Wave Casuarina | 200mm | Native |
| C.ms | 10 | Cordyline manners-suttoniae | Giant Palm Lily | 300mm | Native |
| L.re | 17 | Liquaria reniformis | Tractor Seat Plant | 300mm | |
| P.ar | 11 | Plectranthus argentatus | Native Plectranthus | 140mm | Native |
| P.rc | 8 | Philodendron 'Raja Congo' | Red Philodendron | 200mm | |
| S.go | 6 | Strobilanthes gossypinus | Persian Shield | 140mm | |
| W.fr | 7 | Westringia fruticosa | Coastal Rosemary | 200mm | Native |
| GRASSES | | | | | |
| L.ll | 74 | Lomandra 'Lime Tuff' | Mat Rush | 140mm | Native |
| SUCCULENTS | | | | | |
| A.ba | 15 | Aloe 'Bush Baby Yellow' | Aloe | 140mm | |
| K.be | 16 | Kalanchoe beharensis | Felt Bush | 200mm | |
| FERNS | | | | | |
| D.as | 22 | Doodia aspera | Prickly Rasp Fern | 140mm | Native |
| GROUNDCOVERS | | | | | |
| S.ms | 9 | Scaevola albidia 'Mauve Carpet' | Mauve Fan Flower | 140mm | Native |
| V.he | 90 | Viola hederacea | Native Violet | 140mm | Native |

2 LANDSCAPED AREAS
Scale: 1:200

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LANDSCAPE ARCHITECT

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Client
James Campbell & Amelia Barry

Project Team
JDC Architect

Project Name
Detached Dual Occupancy

Project No.
003

Address
90 Harbord Road, Freshwater NSW 2096

Notes

1. Comply with Building Code of Australia and with all relevant Australian Standards
2. Refer to survey for information relating to existing site data
3. Verify set out and all dimensions and levels on site prior to commencement of work
4. Refer all discrepancies to the Landscape Architect for determination prior to commencement of work
5. This drawing is copyright and must not be retained, copied or used without the written consent of Paul McAtomney Landscape Architect

| Issue Log | | | |
|-----------|-------------------|--------------|----------|
| D | Issued For DA | PM / PM | 23/5/25 |
| C | Issued For DA | PM / PM | 18/12/24 |
| B | Issued For DA | PM / PM | 15/12/24 |
| A | Issued for Review | PM / PM | 13/12/24 |
| Rev | Revision Note | By / Checked | Date |

Scale
1: 100 @ A1

0 1 2 3 4 5 M

All dimensions are in millimetres unless otherwise noted
Do not scale from this drawing

North

Phase
Schematic Design

Sheet Title
Landscape DA Plan

Sheet No.
LD 1.0

Rev
D