

Appendix B

Proposed Landscaping Plans

LANDSCAPE SPECIFICATIONS:

1. PURPOSE & SPECIES SELECTION

THE PROPOSED SCREEN PLANTING IS TO PROVIDE DENSE LOCAL NATIVE VEGETATION TO SCREEN THE PROPOSED DREDGE SPOIL AREA FROM THE PROPOSED ENTRY & EXIT ROADS FOR THE DAINTREE FERRY. IT IS PROPOSED THAT A FIVE-METER-WIDE BUFFER PLANTING CONSISTING OF THREE ROWS OF NATIVE TREES, AS PER PLANTING DETAIL PLAN, WITH THE ADDITION OF A THICK SHRUB LAYER WILL PROVIDE APPROPRIATE DENSITY.

THE TREE SPECIES SELECTED ARE EITHER PIONEER SPECIES FOR FAST GROWTH OR ARE SELECTED FOR THEIR DENSE NATURE AND USUALLY SLOWER GROWING. THE MIX IS 40% PIONEER SPECIES TO 60% SCREEN TREES SUITS THIS PURPOSE. ALL TREES ARE SELECTED FOR THEIR FLOOD SUITABILITY & TO GENERALLY BE OF A SHORTER NATURE TO PROVIDE DENSITY TO ABOUT EIGHT METERS TALL, RATHER THAN VERY TALL CANOPY TREES.

THE SHRUB PLANTING IS TO PROVIDE FUTURE DENSITY AS THE CANOPY ABOVE CLOSES. THESE PLANTS ARE TO FILL THE ONE TO THREE METER ELEVATION. SOME OF THE SPECIES HAVE BEEN SELECTED TO REINFORCE THE SPECIFIC NATURAL CHARACTER OF THE DAINTREE RIVER, SUCH AS THE DAINTREE FAN PALM, UNDERSTANDING THAT THIS AREA IS A SIGNIFICANT POINT IN THE TOURIST ROUTE OF THE REGION.

2. PLANT SUBSTITUTIONS

PLANT SUBSTITUTIONS MAY BE REQUIRED DUE TO AVAILABILITY OF PLANTS. SUBSTITUTIONS ARE TO BE APPROVED BY A SUITABLY QUALIFIED LANDSCAPE ARCHITECT, OR DESIGNER. SUBSTITUTIONS ARE TO BE MADE UNDER THE CRITERIA OF THE PLANTING TO PROVIDE SCREENING, FLOOD RESILIENCE & BIODIVERSITY.

3. DRAINAGE

ALL FINISHED SOIL LEVELS WILL DRAIN AWAY FROM DREDGE SPOIL AREA AS PER ENGINEERING DETAIL WITH ANY PITS & DRAINS CONSTRUCTED BY BUILDER.

4. SOIL PREPARATION

DUE TO THE FLOOD NATURE OF THE SITE, NO MOUNDING IS TO BE USED. ALL DRAINAGE FALLS TO ENGINEER'S DETAIL TO BE COMPLETED BY BUILDER PRIOR TO PLANTING. EXISTING SITE SOIL TO BE CULTIVATED TO 150MM DEEP BEFORE BEING RAKED READY FOR PLANTING. TEST SOIL FOR PH LEVEL AND TREAT ACCORDINGLY TO PROVIDE A PH LEVEL OF 5.5 - 6.5.

5. PLANTING

SPACE PLANTS AS PER PLANTING DETAIL. THE SPECIES ARE TO BE RANDOMLY MIXED SO AS TO PROVIDE A VERY NATURAL LOOKING PLANT DISTRIBUTION (DO NOT GROUP THE SAME SPECIES TOGETHER) PLANTS SHOULD BE PLANTED WITH THE ORIGINAL POT SOIL LEVEL AT THE SAME LEVEL AS THE SURROUNDING SOIL. ADD WATER CRYSTALS & FERTILISE TO THE PLANTING HOLE, USING A SUITABLE NATIVE PLANT FERTILIZER TABLET SUCH AS "AGRIFORM-20-10-5 PLANT TABLETS" AS PER RECOMMENDED RATE.

6. MULCH

MULCH ALL GARDEN AREAS TO A DEPTH OF 75mm OF AGED ORGANIC MATTER AS SHOWN ON LANDSCAPE PLAN, WITH A 20mm GAP AWAY FROM EACH PLANT STEM. THE MULCH IS TO BE CLEAN OF WEED SEEDS AND HELP TO RETAIN SOIL MOISTURE, AND ACTIVATE SOIL BIOLOGICAL ACTIVITY.

7. IRRIGATION

TEMPORARY IRRIGATION MAY BE REQUIRED DURING ESTABLISHMENT, DEPENDING ON THE TIME OF YEAR FOR PLANTING. THIS WOULD BE AT THE DISCRETION OF THE DOUGLAS SHIRE COUNCIL, TO ALLOW FOR SUCCESSFUL PLANTING. WATER ACCESS IS AVAILABLE NEAR THE SITE ON THE CORRECT SIDE OF THE ROAD.

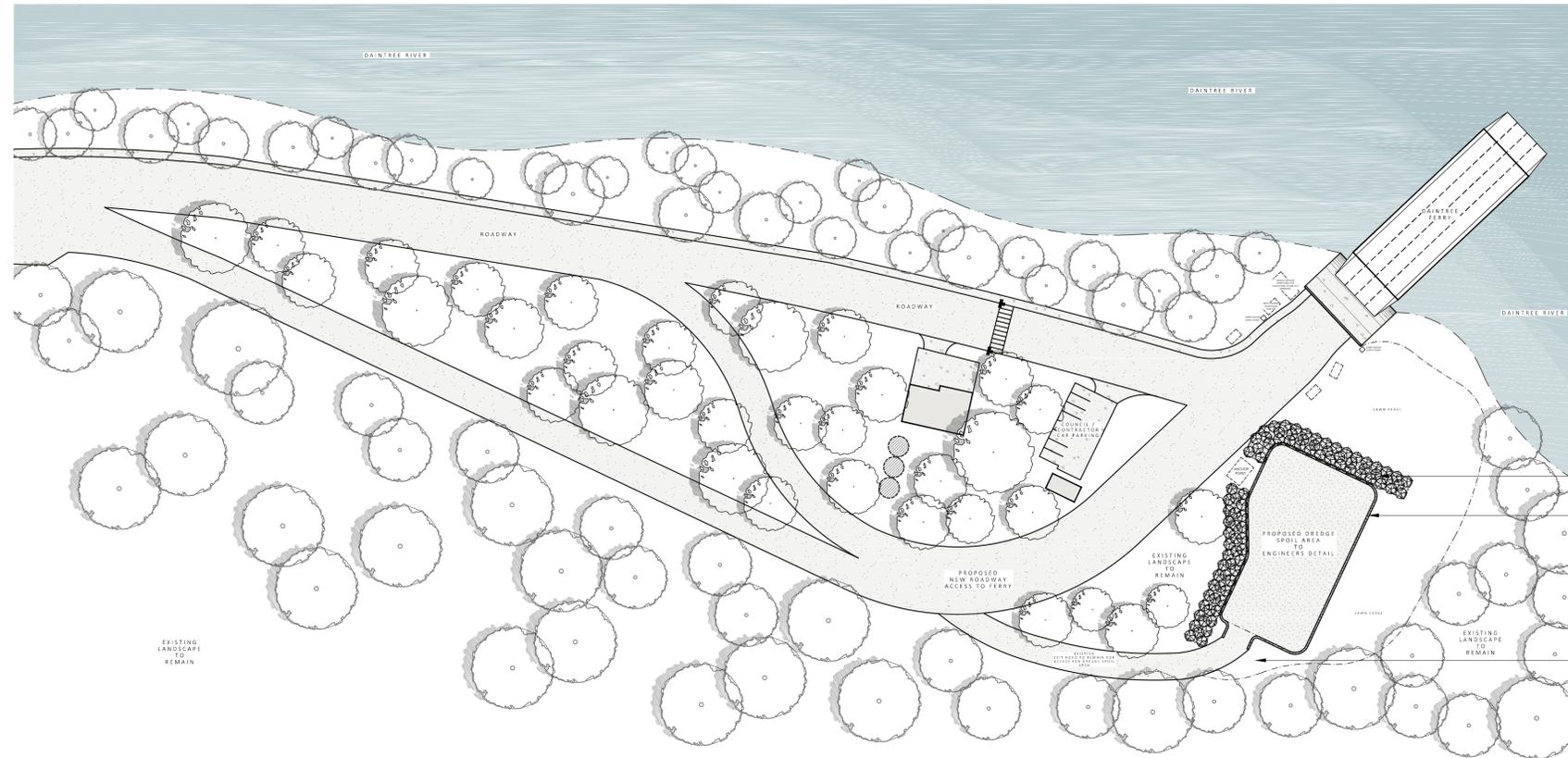
8. MAINTENANCE

THE MAINTENANCE SHOULD BE CONTROLLED AND MONITORED BY THE DOUGLAS SHIRE COUNCIL, ENSURING WATERING REQUIREMENTS ARE MET FOR A SUCCESSFUL PLANTING AND WEEDS ARE CONTROLLED TO THE SATISFACTION OF QUEENSLAND ENVIRONMENTAL STANDARDS.

PLANT SCHEDULE

Code	Botanical Name	Common name	Qty.	Pot Size	Type	H x W
TREES TO 8 METER HIGH SPACED AT 1/5m² : TOTAL TREES 87						
AF	Atractocarpus fitzalanii	Brown gardenia	5	100mm	T	8x4
CF	Cerbera floribunda	Cassowary plum	3	100mm	T	8x6
DA	Dillenia alata	Red beech tree	5	100mm	T	8x6
DR	Dracaena angustifolia	Native dracaena tree	6	100mm	T	5x3
DT	Deplanchea tetraphylla	Golden bouquet tree	3	100mm	T	8x6
FO	Ficus opposita	Sand paper fig	5	100mm	T	6x4
GA	Gardenia actinocarpa	Daintree gardenia	5	100mm	T	5x1.5
HP	Homalanthus populifolius	Bleeding heart tree	7	100mm	T	6x4
HT	Hibiscus tiliaceus	Cottonwood	5	100mm	T	6x6
MR	Melicope rubra	Dwarf ulisses tree	5	100mm	T	10x6
MM	Micromelum minutum	Lime berry	6	100mm	T	5x3
PA	Polyscias australiana	Ivory basswood	7	100mm	T	8x4
PS	Pandanus solms-laubachii	Swamp pandan	3	100mm	T	8x6
PC	Phaleria clerodendron	Native daphne	5	100mm	T	6x4
SA	Schefflera actinophylla	Umbrella tree	4	100mm	T	8x6
TO	Tabernaemontana orientalis	Iodine tree	3	100mm	T	8x5
TP	Thespesia populnea	Native tulip tree	4	100mm	T	6x6
KC	Xanthostemon chrysanthus 'Fairhill Gold'	Dwarf golden penda	6	100mm	T	6x5
SHRUBS TO 3 METER HIGH SPACED AT 1/1.5m² : TOTAL SHRUBS 292						
CM	Cordyline manners-suttoniae	Swamp cordyline	15	100mm	S	3x2
CP	Crinum pedunculatum	Swamp lily	15	100mm	S	1x1
CV	Codiaeum variegatum var moluccanum	Native croton	15	100mm	S	3x2
DB	Dianella bambusifolia	Bamboo flax lily	40	100mm	S	0.3x0.3
GS	Graptophyllum springerum	White native fuchsia	12	100mm	S	2x1
JE	Jasminum elongatum	Native jasmine	12	100mm	S	2x2
LH	Lomandra hystrix	Mat rush	80	100mm	S	1x1
LR	Licuala ramsayii	Daintree fan palm	15	200mm	P	8x3
MW	Molinera capitulate	Weevil lily	458	100mm	S	1x1
PL	Phyllanthus lamprophyllus	Ferry phyllanthus	14	100mm	S	3x1
RA	Randia audasia		8	100mm	S	3x1
SW	Syzygium wilsonii	Powder puff lilly pilly	9	100mm	S	3x3
VT	Vitex trifolia var. trifolia	Blue vitex	9	100mm	S	3x2

C = Climber G = Ginger P = Palm T = Tree F = Fern SE = Sedge GC = Groundcover S = Shrub



NATIVE SCREEN PLANTING ZONE TO BE 5000mm WIDE WITH SUITABLE SPECIES FROM 1000mm TO 8000mm HIGH AS PER SPECIES LIST. PLANTING ZONE NOT TO BE MOUNDED TO ALLOW FOR NATURAL FLOOD FLOW.

DREDGE BUND DESIGNATED AREA.

GRASSED ACCESS POINT FOR FUTURE MAINTENANCE.

ALL TREES TO BE HEALTHY, WELL-GROWN SPECIMENS FREE OF PEST & DISEASE. TREE ROOT BALL TO BE WATERED THE DAY PRIOR TO PLANTING.

SOIL BERM FORMING A WATERING SAUCER AROUND IMMEDIATE CROWN OF PLANT TO HOLD AT LEAST 5-10% OF ROOTBALL SIZE OF WATER.

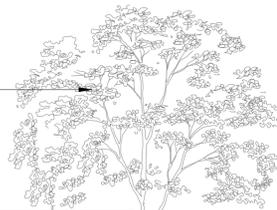
TREES TO BE PLACED TOP ENSURE TOP OF THE ROOTBALL IS AT THE SAME LEVEL AS FINISHED SOIL LEVEL. SOIL OR MULCH SHOULD NOT COVER THE PLANTS TRUNK TO AVOID COLLAR ROT.

RE-CONDITION SOIL TO 300mm DEEP WITH COMPOSTED WEED-FREE GARDEN SOIL.

NOTES:

GARDEN BED TO BE WELL DRAINED WITH DRAINAGE AS PER DRAWING. BEFORE PLANTING, THOROUGHLY WATER TREES TO BE TRANSPLANTED. AFTER PLANTING WATER IS TO BE CONCENTRATED WITH DIPPERS PLACED DIRECTLY ON TOP OF ROOT BALL. AFTER PLANTING IT IS ESSENTIAL MOISTURE LEVELS OF ROOTBALL ARE REGULARLY CHECKED TO ENSURE ROOTBALL DOES NOT DRY OUT.

PLANTS SHOULD BE PLACED SO THAT THE TOP OF THE ROOTBALL IS AT THE SAME LEVEL AS THE FINISHED SOIL LEVEL AND THAT THE SOIL OR MULCH SHOULD NOT COVER THE PLANTS STEM.

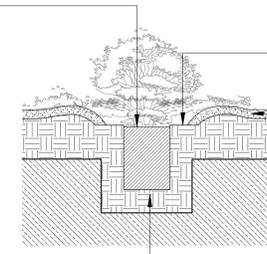


STAKE TREES WITH 3 CHISEL POINTED HARDWOOD STAKES 2.4m X 50 X 50mm, DRIVEN 800MM INTO GROUND TO OUTSIDE OF ROOT BALL. TIE TREES IMMEDIATELY AFTER PLANTING WITH HESSIAN.

40mm LAYER OF FINE COMPOSTED MULCH.

APPLY DYNAMIC LIFE FERTILISER WATER STORING CRYSTALS (AT MANUFACTURER'S RECOMMENDED RATES) INTO SOIL SURROUNDING TREE.

1 TREE PLANTING DETAIL SECTION NTS



MOULD A DEPRESSION AROUND THE BASE OF THE PLANT TO ACT AS A RESERVOIR.

40mm LAYER OF FINE COMPOSTED MULCH.

DIG IN ORGANIC MATTER TO A 75mm DEPTH INTO EXISTING SOIL BEFORE PLANTING. ONCE ROOTBALL HAS BEEN POSITIONED IN HOLE, BACKFILL WITH 100mm OF FRESH IMPORTED SOIL. 40mm LAYER OF FINE COMPOSTED MULCH.

NOTES:

- ERADICATE WEEDS BY SPRAYING WITH GLYPHOSATE OR REMOVING BY HAND.
- LOOSELY BREAK UP SOIL WITH A FORK AND COMBINE WITH A 75mm DEPTH OF ORGANIC MATTER.
- DIG A HOLE TWICE THE WIDTH AND ONE AND A HALF THE DEPTH OF THE POT SIZE.
- FILL THE HOLE WITH WATER BEFORE PLANTING AND ALLOW TO DRAIN THOROUGHLY.
- PLACE THE PLANT IN THE HOLE & BACKFILL WITH FRESH TOPSOIL.
- SPREAD WITH A 40MM LAYER OF FINE COMPOSTED MULCH AND WATER DEEPLY AFTER PLANTING.
- IF PLANTING IS TALLER THAN 1M, SUPPORT PLANT WITH 750mm LONG X 25 X 25 HARDWOOD STAKE TIED WITH JUTE WEBBING TIES.
- GARDEN BEDS TO BE WELL DRAINED WITH GEO-FABRIC SOCKED AGRICULTURAL DRAINS WITH SCREENINGS SURROUNDING CONNECTED TO SILT PIT PRIOR TO STORMWATER SYSTEM.

2 SHRUB PLANTING DETAIL SECTION NTS



DAINTREE FERRY DREDGE SPOIL AREA

SITE ADDRESS: Daintree Ferry South Side Loading Area

DRAWING TITLE

LANDSCAPE PLAN FOR TOWN PLANNING APPROVAL

SCALE: 1:800@A1

DATE: 28 January 2026



DRAWING NO. 1

REV. A

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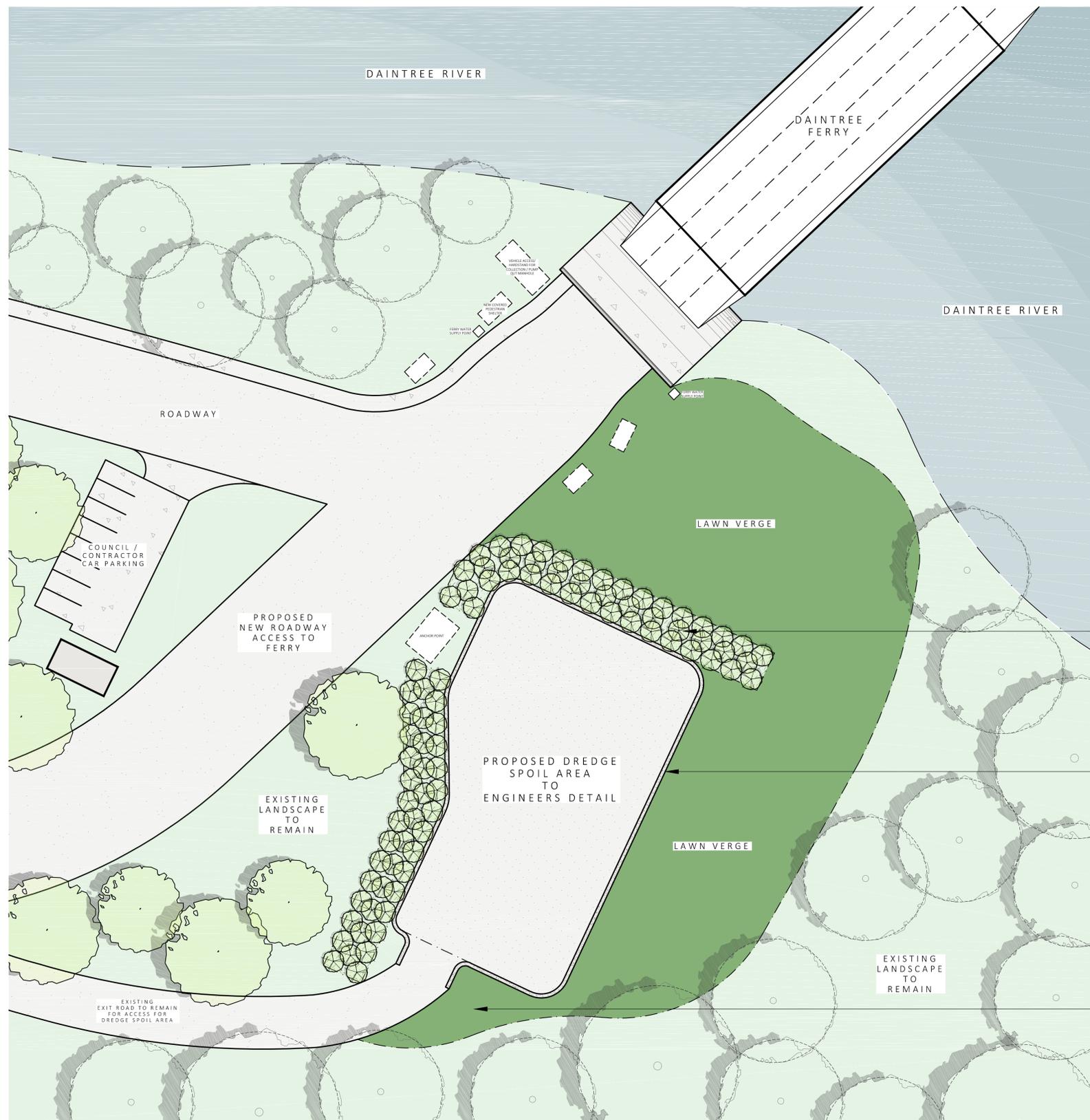
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DAINTREE FERRY DREDGE SPOIL AREA
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LANDSCAPE CONCEPT PLAN

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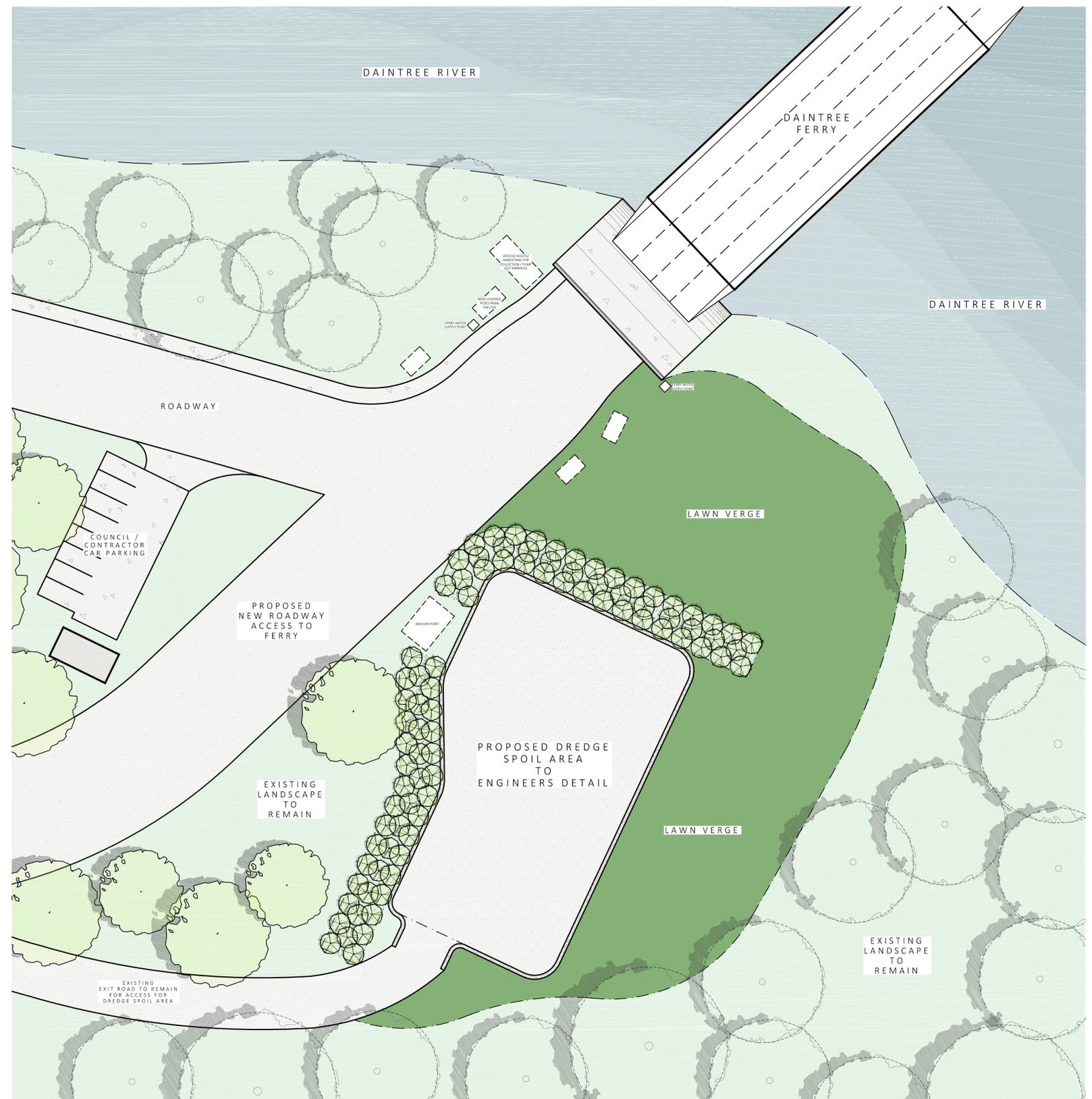
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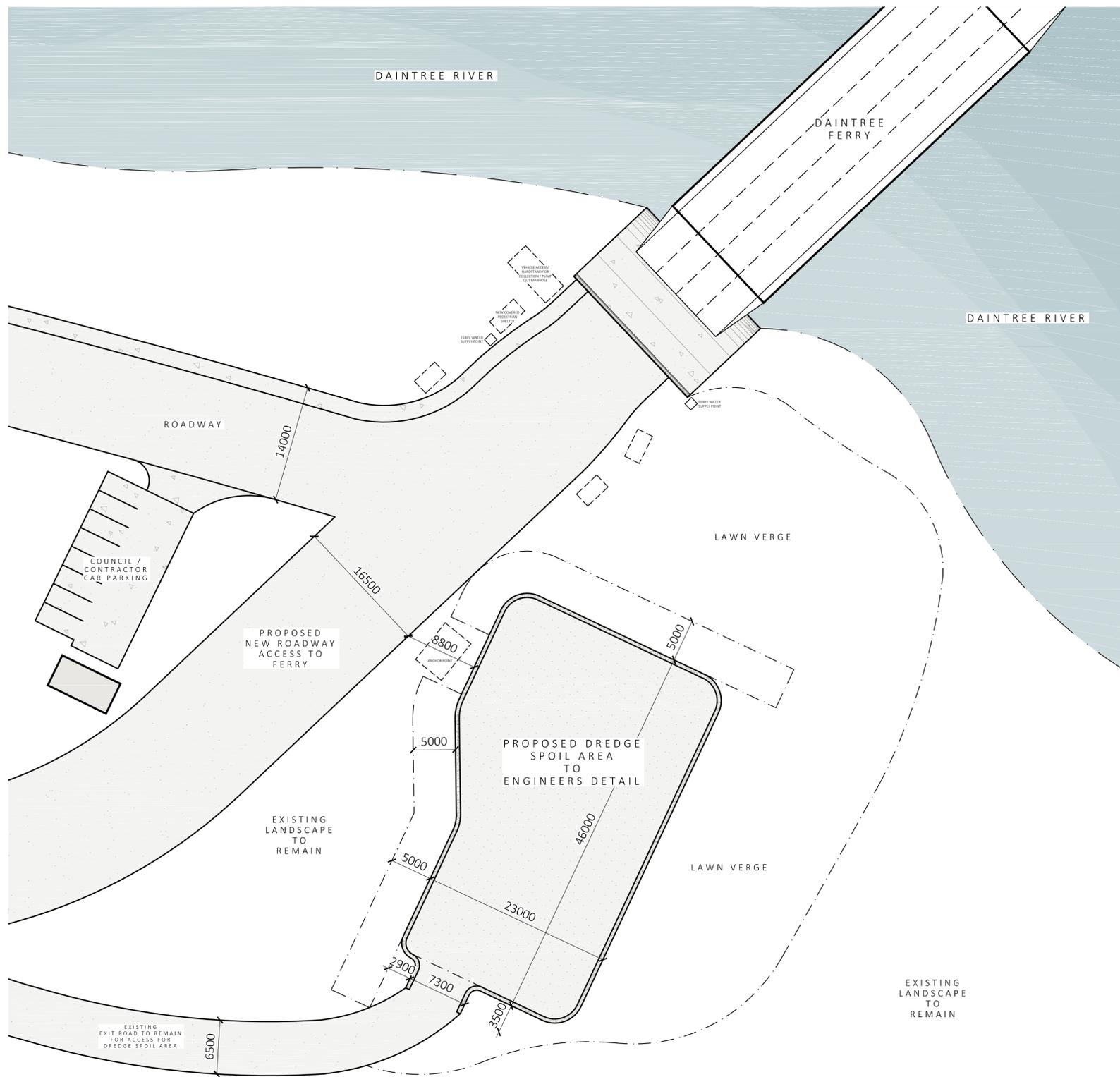


DAINTREE FERRY DREDGE SPOIL AREA
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 DRAWING TITLE
PLANTING PLAN

SCALE: 1:300@A1
 DATE: 28 January 2026
 DRAWING NO. **3**
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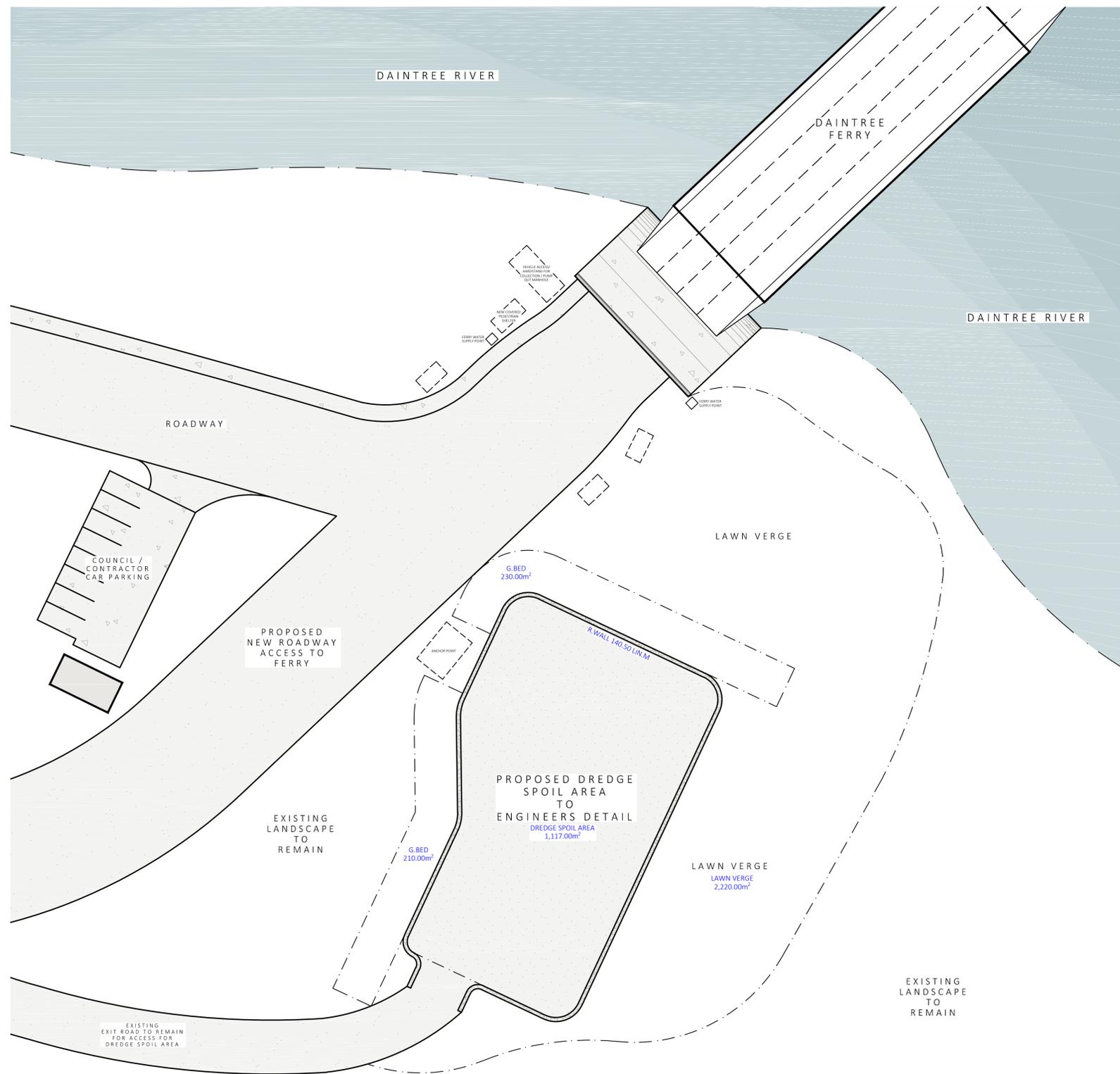


DAINTREE FERRY DREDGE SPOIL AREA
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 LAYOUT AND DIMENSIONS PLAN

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 DRAWING TITLE
QUANTITIES PLAN

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