

LANDSCAPE KEY

- SURFACES**
- (PA01) CONCRETE TYPE 1
 - (PA02) CLAY PAVEMENT
 - (PA03) SYNTHETIC TURF
 - (PA04) NATURAL TURF
 - (PA05) PERMEABLE PAVE
 - (SF1) SOFT-FALL UNDER SYNTHETIC TURF
 - (SF2) SOFT-FALL MULCH
 - (PP01) MUD PIT
 - (PP02) SAND PIT
- EDGING**
- (E1) SANDSTONE BLOCK EDGING
 - (E2) TIMBER, STEEL OR PLASTIC EDGING
- PLAY EQUIPMENT**
- (PE01) PUSH-BUTTON TAP FIXED TO LOG
 - (PE02) DOUBLE SWING SET
 - (PE11) MUD KITCHEN
 - (CU01) CUBBY 1- PITCHED ROOF WEATHERPROOF
 - (CU02) CUBBY 2- NATURAL CUBBY
 - (DE01) DECK TYPE 1
- FURNITURE**
- (FU01) BENCH SEAT CIRCLE
- FENCING**
- (FE01) POOL FENCE
- SHADE**
- (SH01) SHADE SAIL
 - (SH02) SHADE STRUCTURE
- STORAGE**
- (ST01) SHED TYPE 1
 - (ST02) DOUBLE STORAGE BOX
- GARDEN AREAS**
- (GA01) GARDEN BED TYPE 1
 - (GA02) GARDEN BED TYPE 2
 - (MI01) RANDOM BOULDERS
 - (MI02) UPRIGHT LOGS
 - (PL01) RAISED TIMBER PLANTER
 - (TR01) TREE EXISTING (RETAIN)
 - PROPOSED PLANTING

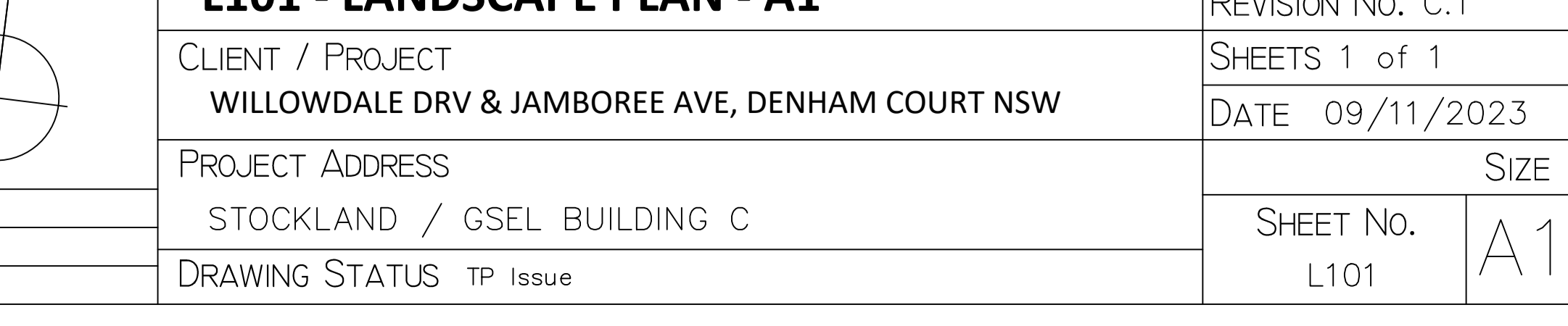
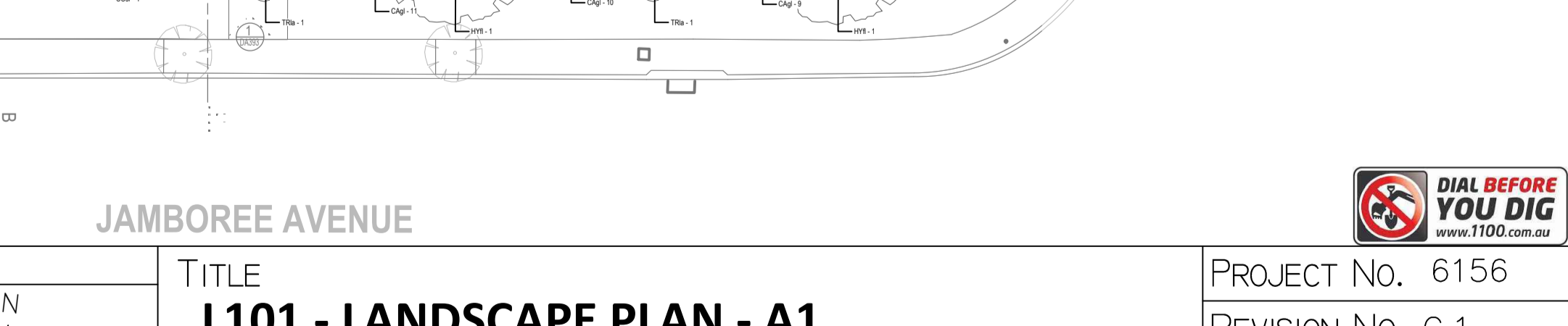
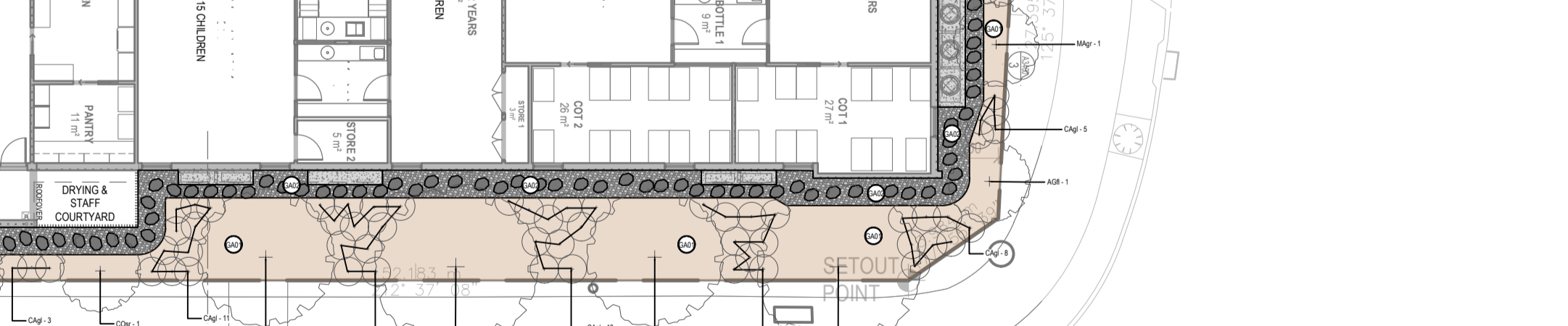
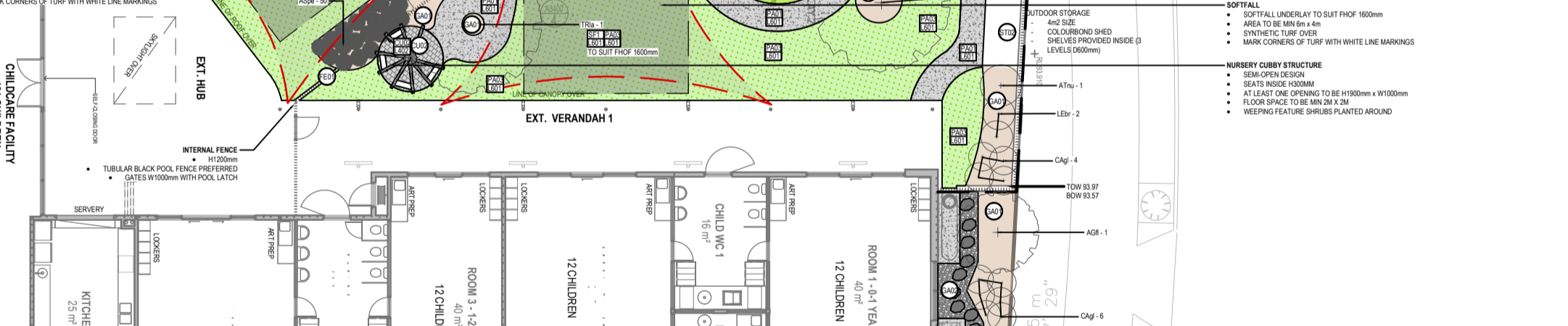
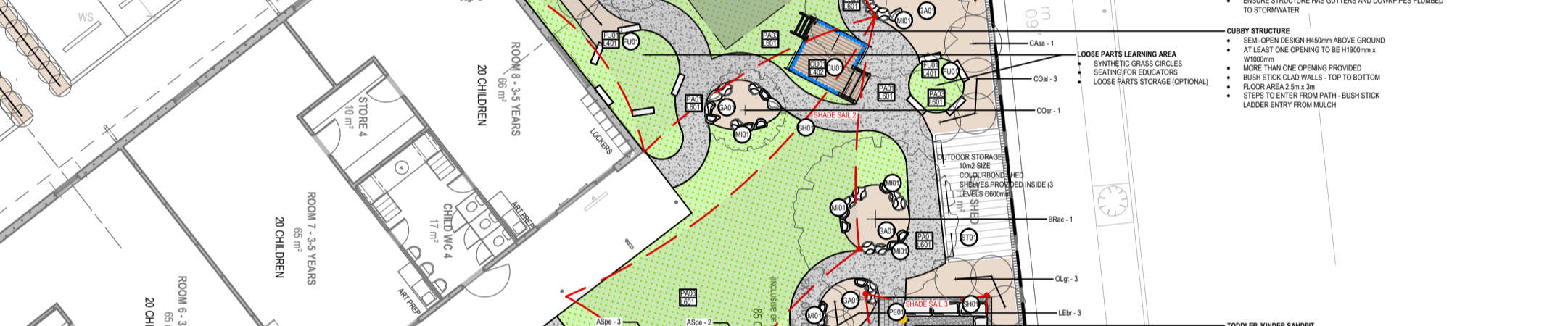
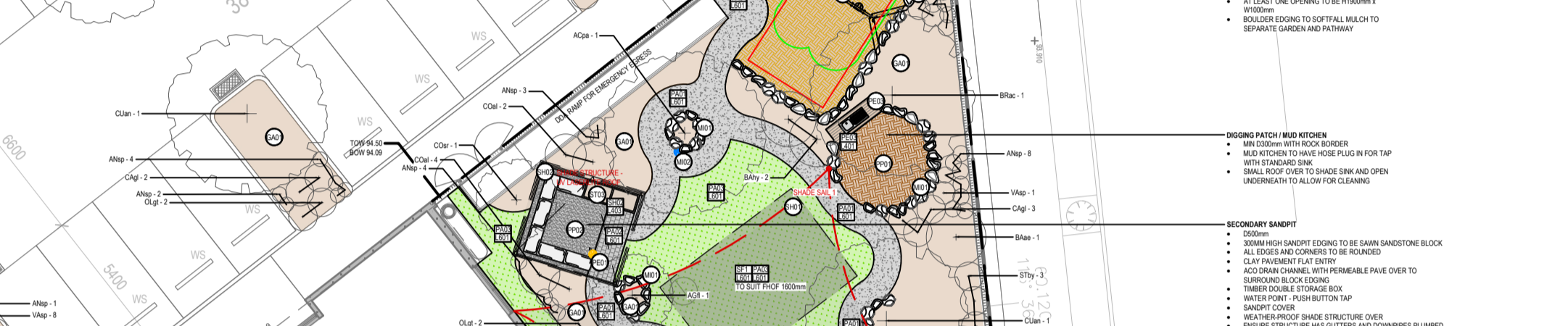
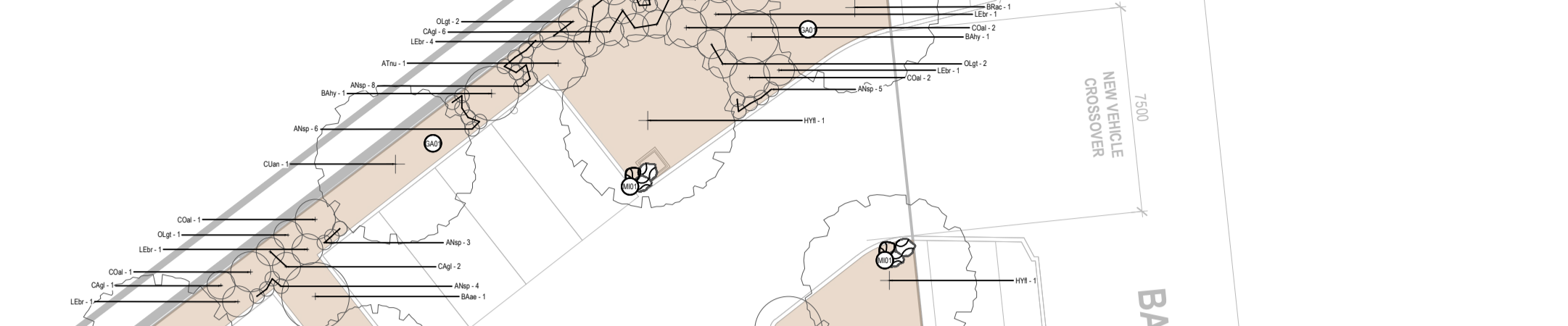
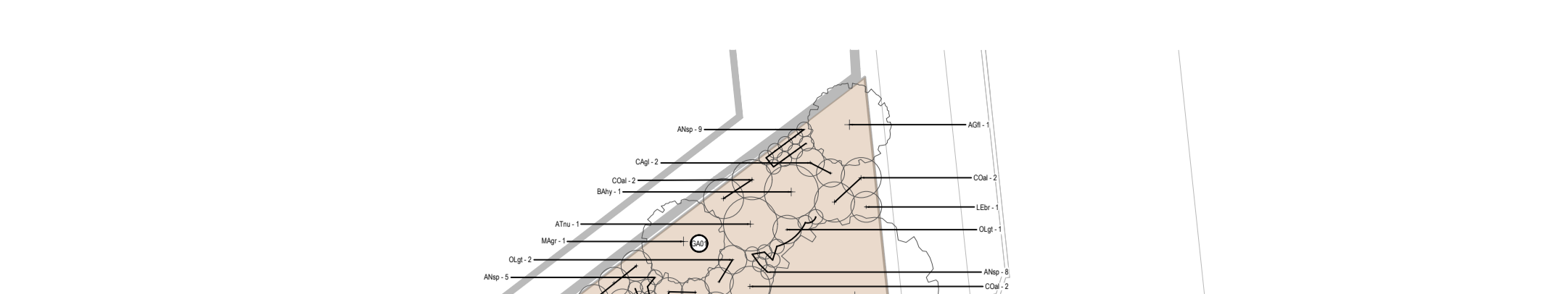
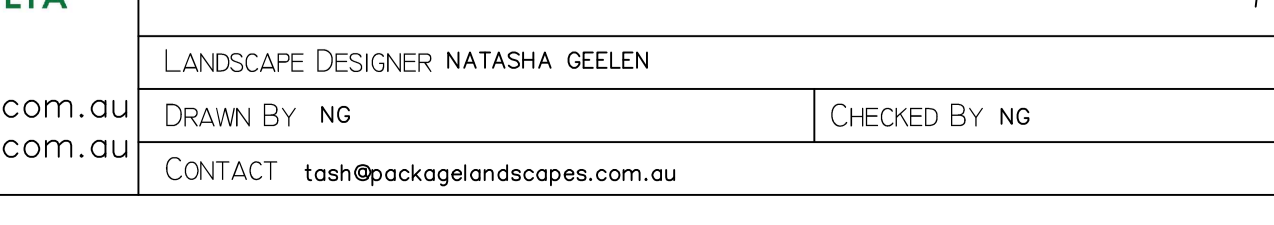
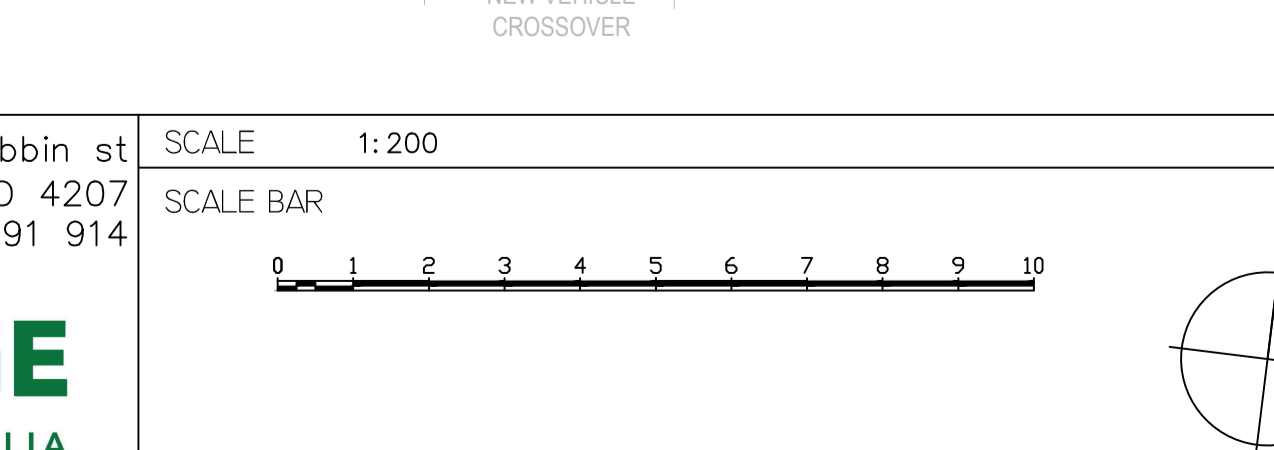
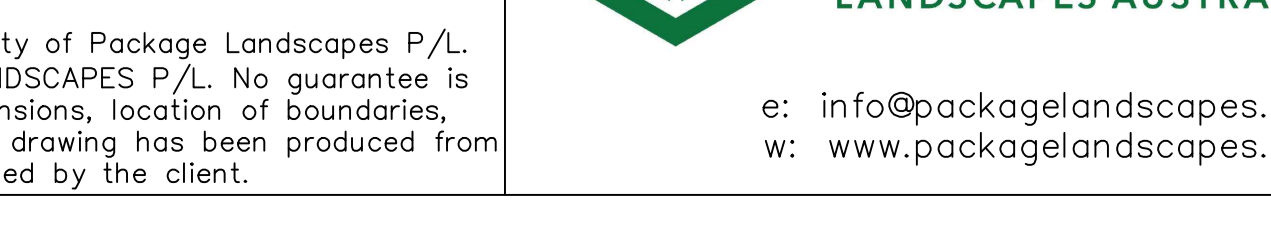
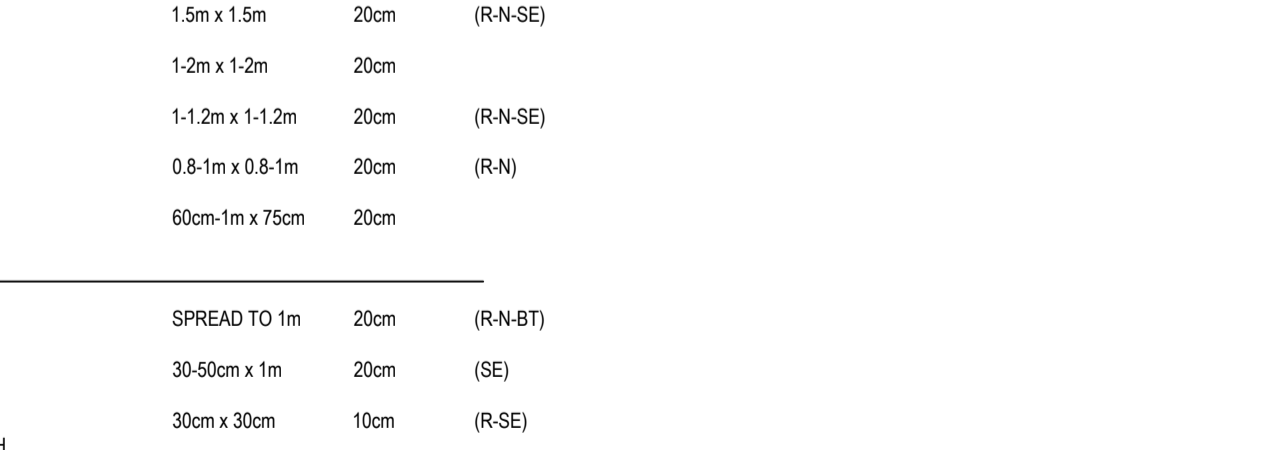
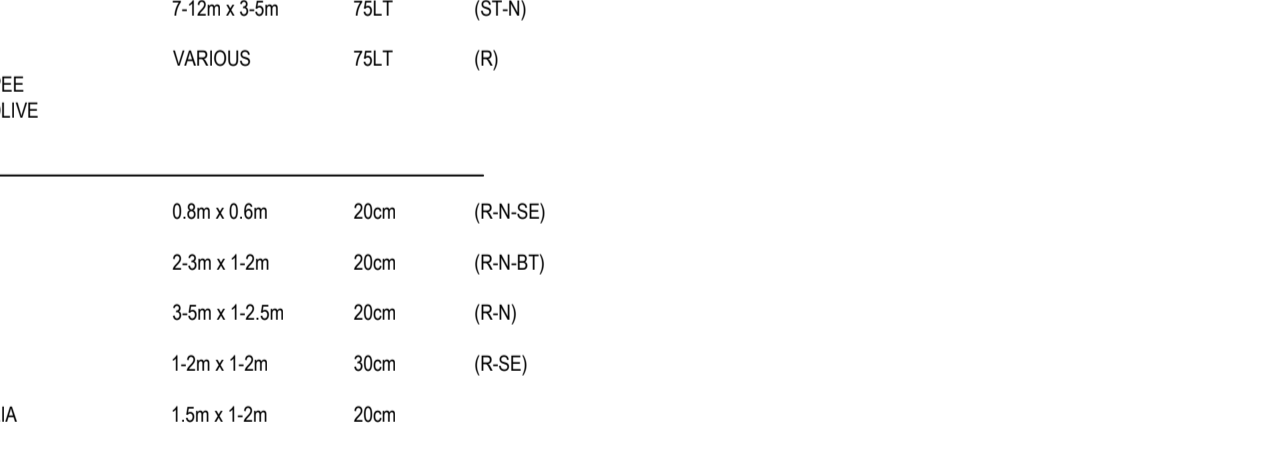
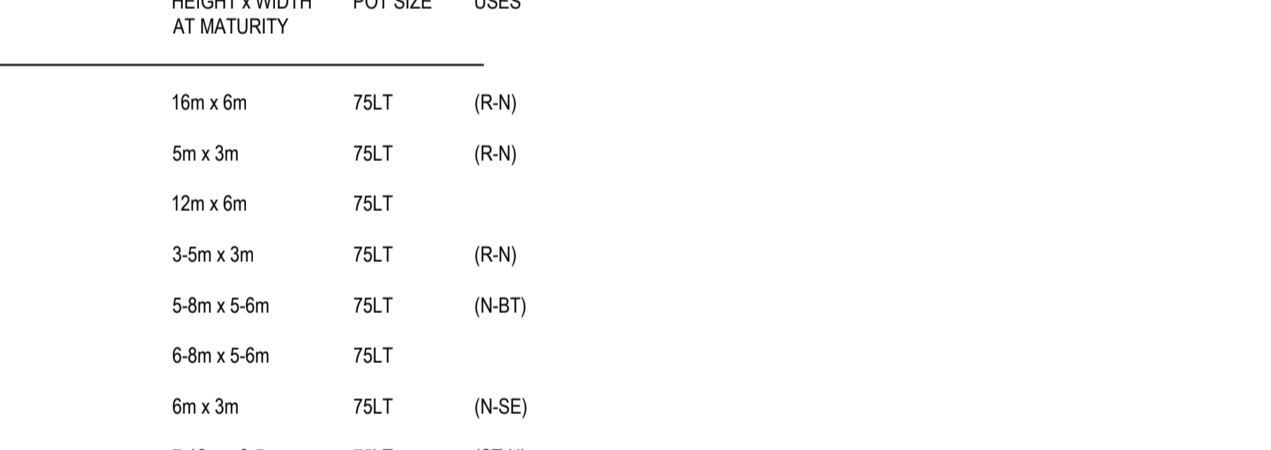
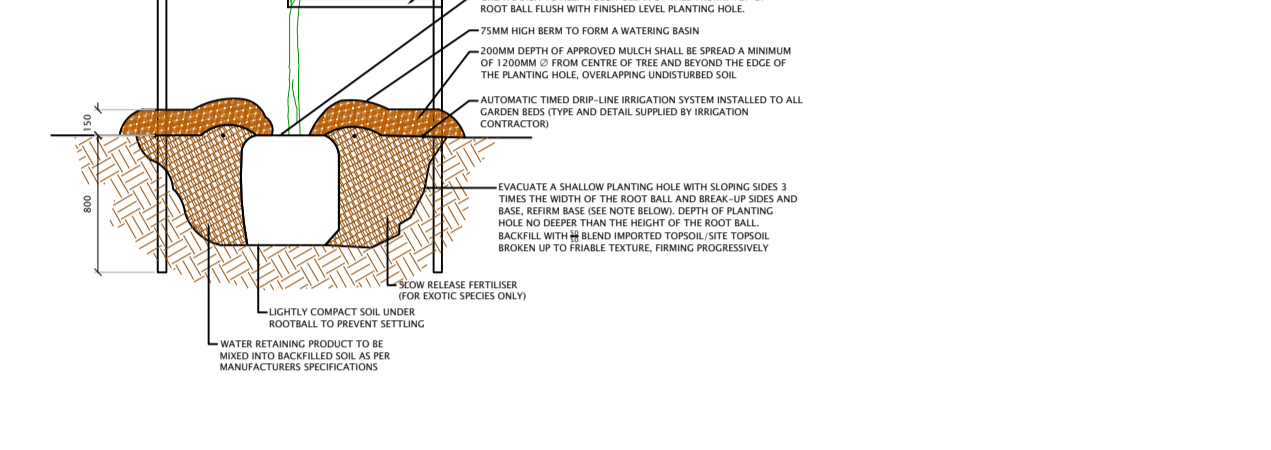
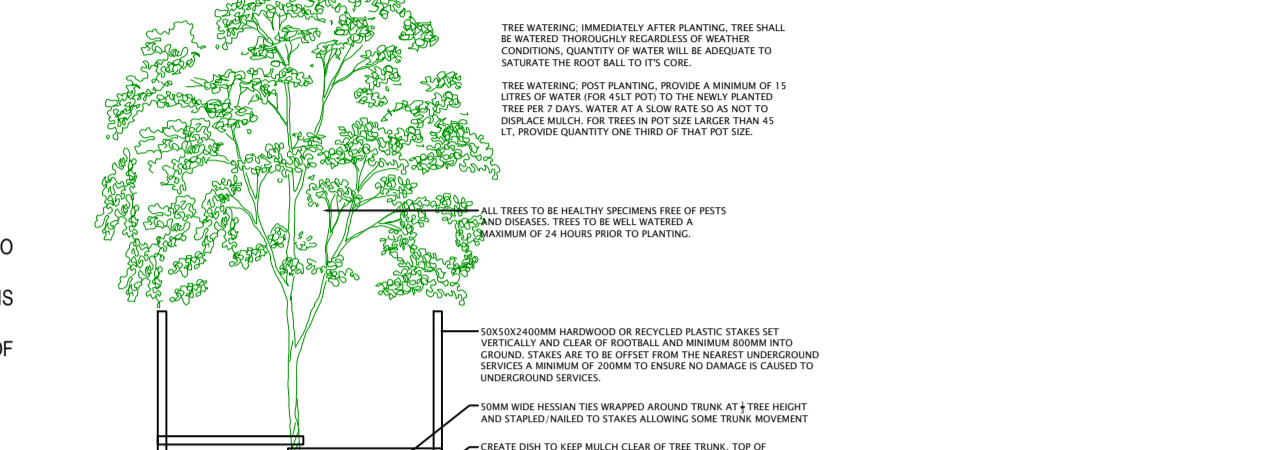
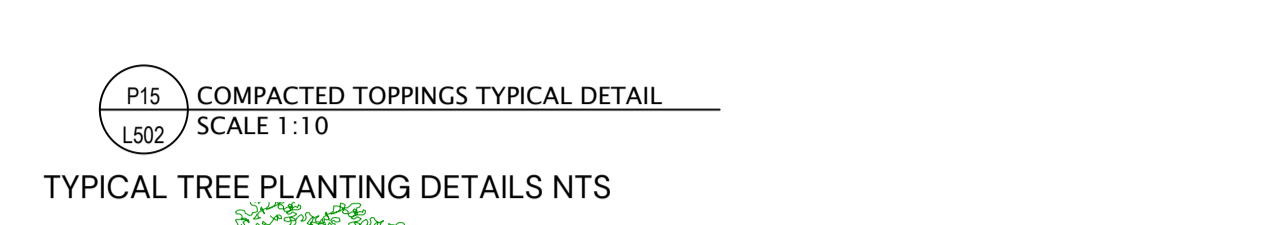
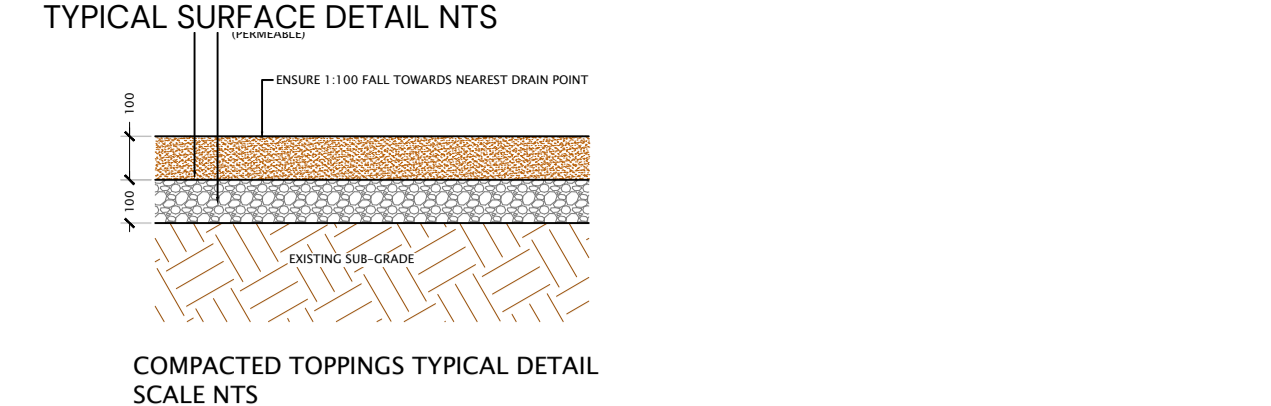
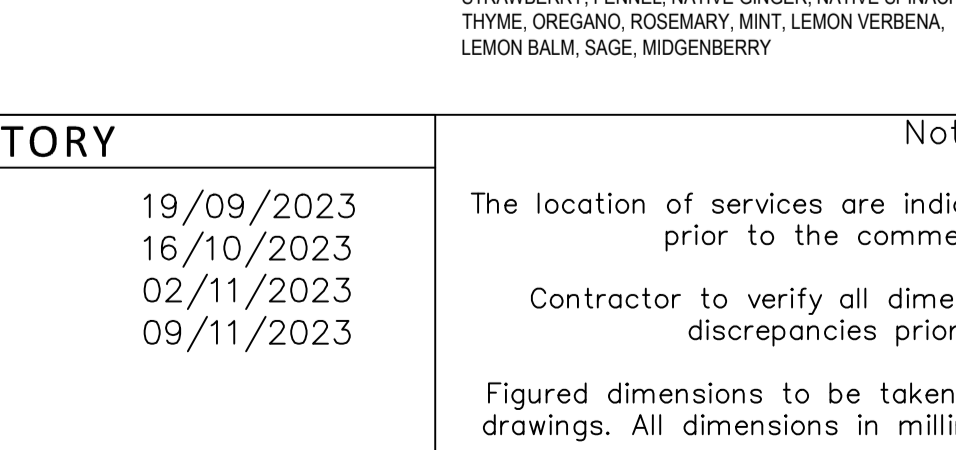
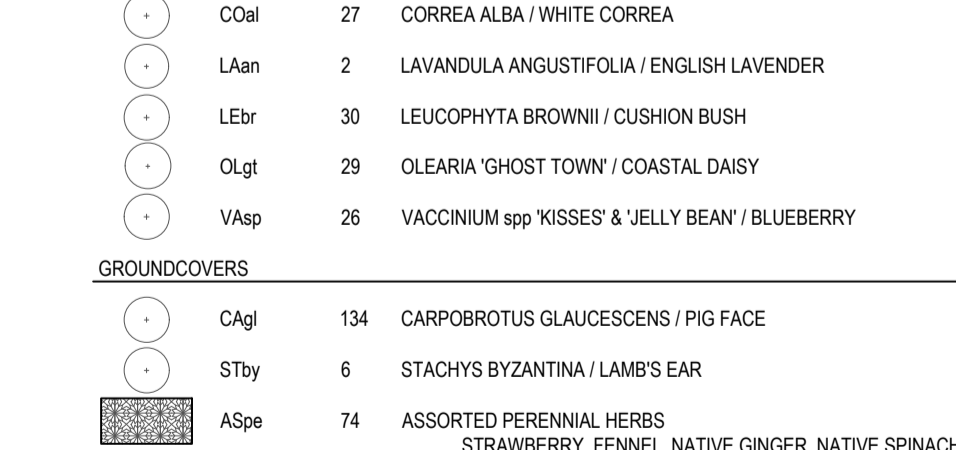
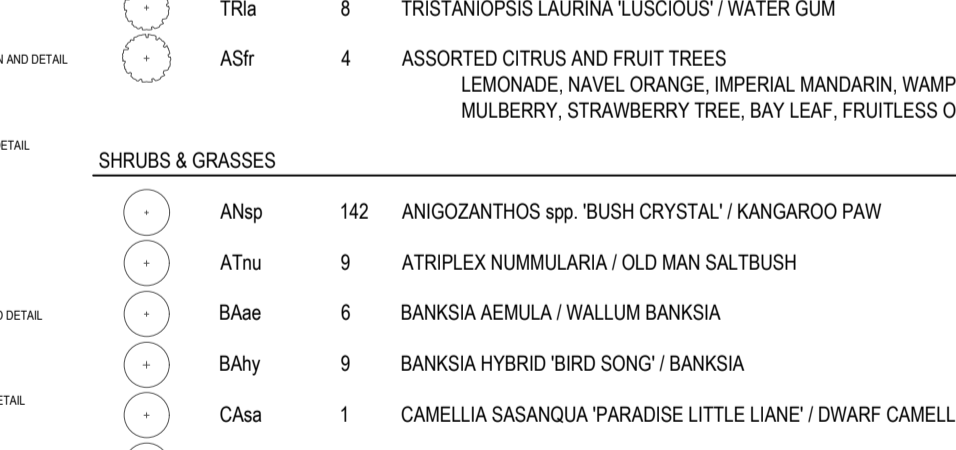
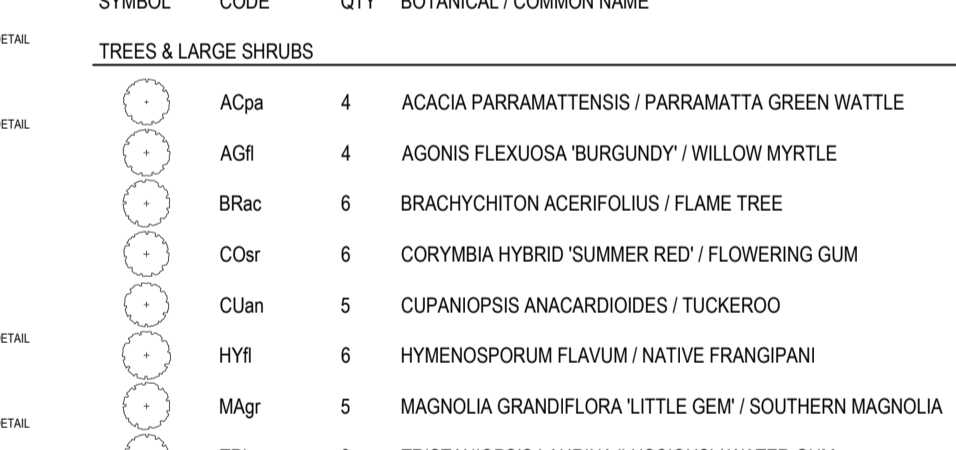
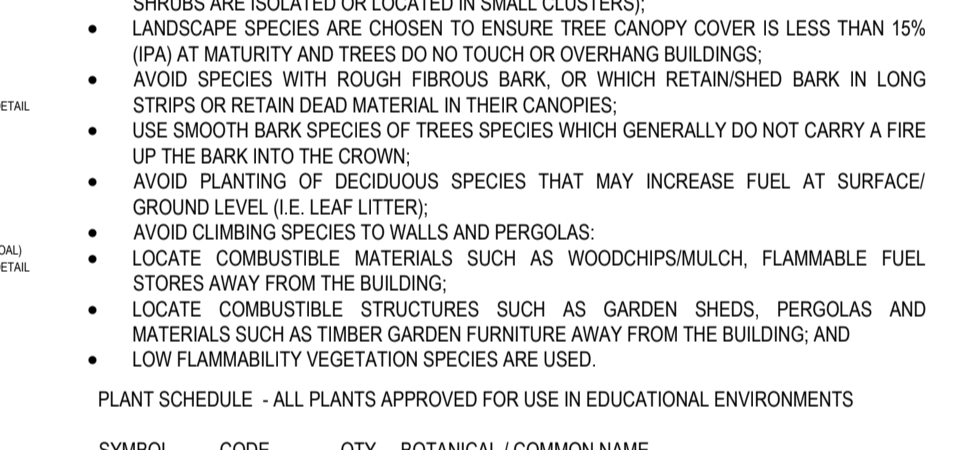
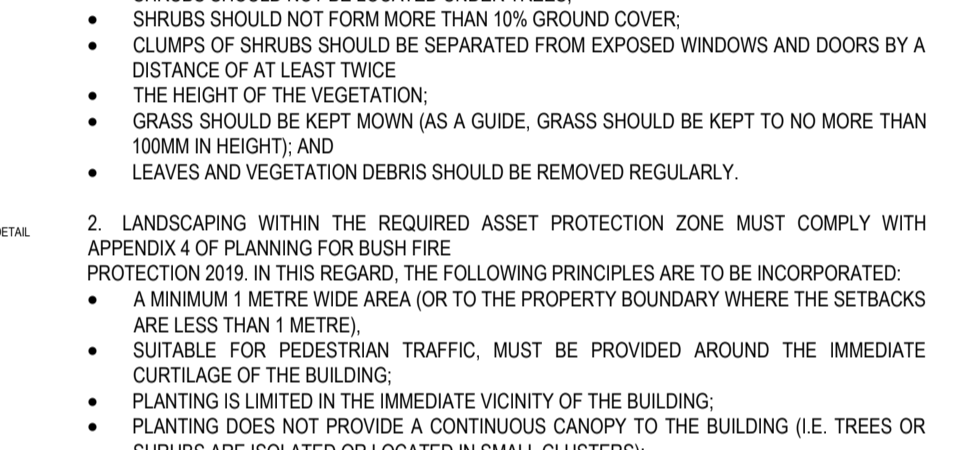
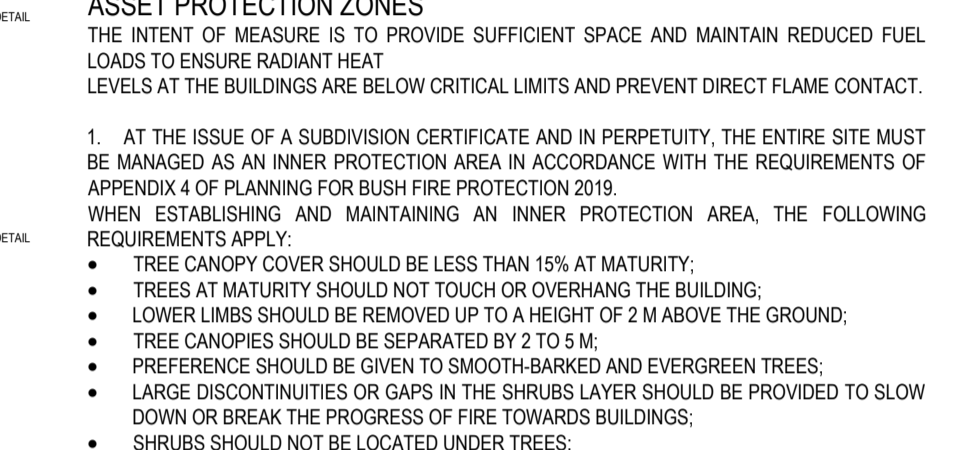
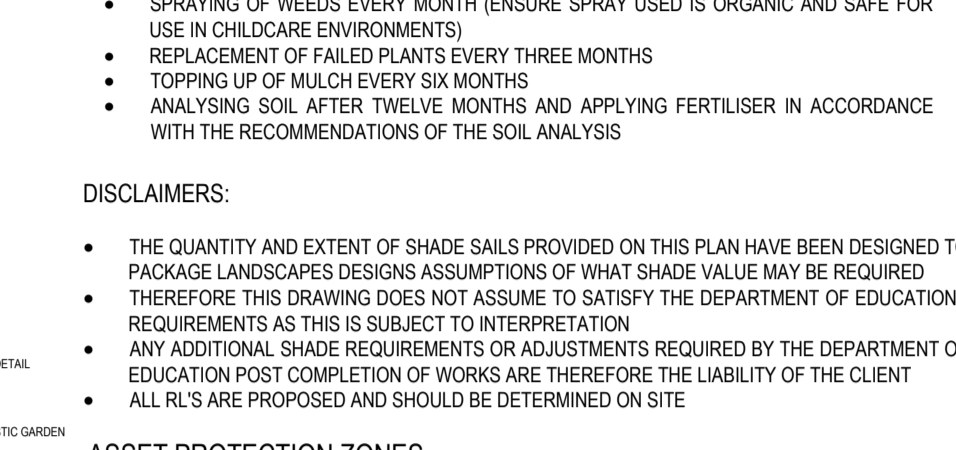
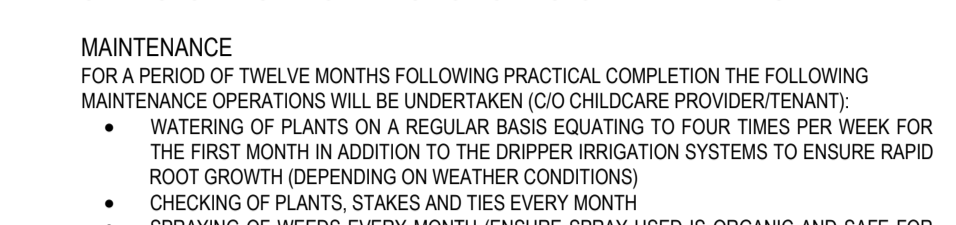
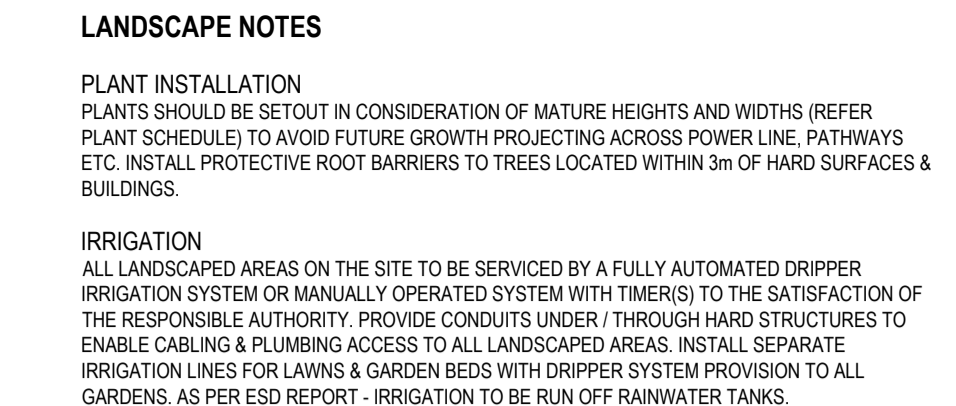
- PLANT INSTALLATION**
- PLANTS SHOULD BE SETOUT IN CONSIDERATION OF MATURE HEIGHTS AND WIDTHS (REFER PLANT SCHEDULE) TO AVOID FUTURE GROWTH PROJECTING ACROSS POWER LINE, PATHWAYS ETC. INSTALL PROTECTIVE ROOT BARRIERS TO TREES LOCATED WITHIN 3m OF HARD SURFACES & BUILDINGS.
- IRRIGATION**
- ALL LANDSCAPED AREAS ON THE SITE TO BE SERVICED BY A FULLY AUTOMATED DRIPPER IRRIGATION SYSTEM OR MANUALLY OPERATED SYSTEM WITH TIMERS TO THE SATISFACTION OF THE RESPONSIBLE AUTHORITY. PROVIDE CONDUITS UNDER / THROUGH HARD STRUCTURES TO ENABLE CABLING & PLUMBING ACCESS TO ALL LANDSCAPED AREAS. INSTALL SEPARATE IRRIGATION LINES FOR LAWNS & GARDEN BEDS WITH DRIPPER SYSTEM PROVISION TO ALL GARDENS. AS PER ESD REPORT - IRRIGATION TO BE RUN OFF RAINWATER TANKS.
- MAINTENANCE**
- FOR A PERIOD OF TWELVE MONTHS FOLLOWING PRACTICAL COMPLETION THE FOLLOWING MAINTENANCE OPERATIONS WILL BE UNDERTAKEN (OO CHILDCARE PROVIDER/TENANT)
- WATERING OF PLANTS ON A REGULAR BASIS EQUATING TO FOUR TIMES PER WEEK FOR THE FIRST MONTH IN ADDITION TO THE DRIPPER IRRIGATION SYSTEMS TO ENSURE RAPID ROOT GROWTH (DEPENDING ON WEATHER CONDITIONS)
 - CHECKING OF PLANTS, STAKES AND TIES EVERY MONTH
 - SPRAYING OF WEEDS EVERY MONTH (ENSURE SPRAY USED IS ORGANIC AND SAFE FOR USE IN CHILDCARE ENVIRONMENTS)
 - REPLACEMENT OF FAILED PLANTS EVERY THREE MONTHS
 - TOPPING UP OF MULCH EVERY SIX MONTHS
 - ANALYSING SOIL AFTER TWELVE MONTHS AND APPLYING FERTILISER IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE SOIL ANALYSIS
- DISCLAIMERS:**
- THE QUANTITY AND EXTENT OF SHADE SAILS PROVIDED ON THIS PLAN HAVE BEEN DESIGNED TO PACKAGE LANDSCAPES DESIGNS ASSUMPTIONS OF WHAT SHADE VALUE MAY BE REQUIRED
 - THEREFORE THIS DRAWING DOES NOT ASSUME TO SATISFY THE DEPARTMENT OF EDUCATIONS REQUIREMENTS AS THIS IS SUBJECT TO INTERPRETATION
 - ANY ADDITIONAL SHADE REQUIREMENTS OR ADJUSTMENTS REQUIRED BY THE DEPARTMENT OF EDUCATION POST COMPLETION OF WORKS ARE THE LIABILITY OF THE CLIENT
 - ALL RL'S ARE PROPOSED AND SHOULD BE DETERMINED ON SITE
- ASSET PROTECTION ZONES**
- THE INTENT OF MEASURE IS TO PROVIDE SUFFICIENT SPACE AND MAINTAIN REDUCED FUEL LOADS TO ENSURE RADIANT HEAT LEVELS AT THE BUILDINGS ARE BELOW CRITICAL LIMITS AND PREVENT DIRECT FLAME CONTACT.
1. AT THE ISSUE OF A SUBDIVISION CERTIFICATE AND IN PERPETUITY, THE ENTIRE SITE MUST BE MANAGED AS AN INNER PROTECTION AREA IN ACCORDANCE WITH THE REQUIREMENTS OF APPENDIX 4 OF PLANNING FOR BUSH FIRE PROTECTION 2019. WHEN ESTABLISHING AND MAINTAINING AN INNER PROTECTION AREA, THE FOLLOWING REQUIREMENTS APPLY:
- TREE CANOPY COVER SHOULD BE LESS THAN 15% AT MATURITY;
 - TREES AT MATURITY SHOULD NOT TOUCH OR OVERHANG THE BUILDING;
 - LOWER LIMBS SHOULD BE REMOVED UP TO A HEIGHT OF 2 M ABOVE THE GROUND;
 - TREE CANOPIES SHOULD BE SEPARATED BY 2 TO 3 M;
 - PREFERENCE SHOULD BE GIVEN TO SMOOTH-BARKED AND EVERGREEN TREES;
 - LARGE DISCONTINUITIES OR GAPS IN THE SHRUBS LAYER SHOULD BE PROVIDED TO SLOW DOWN OR BREAK THE PROGRESS OF FIRE TOWARDS BUILDINGS;
 - SHRUBS SHOULD NOT BE LOCATED UNDER TREES;
 - SHRUBS SHOULD NOT FORM MORE THAN 10% GROUND COVER;
 - CLUMPS OF SHRUBS SHOULD BE SEPARATED FROM EXPOSED WINDOWS AND DOORS BY A DISTANCE OF AT LEAST TWICE THE HEIGHT OF THE VEGETATION;
 - GRASS SHOULD BE KEPT MOWN AS A GUIDE, GRASS SHOULD BE KEPT TO NO MORE THAN 100MM IN HEIGHT); AND
 - LEAVES AND VEGETATION DEBRIS SHOULD BE REMOVED REGULARLY.
2. LANDSCAPING WITHIN THE REQUIRED ASSET PROTECTION ZONE MUST COMPLY WITH APPENDIX 4 OF PLANNING FOR BUSH FIRE PROTECTION 2019. IN THIS REGARD, THE FOLLOWING PRINCIPLES ARE TO BE INCORPORATED:
- A MINIMUM 1 METRE WIDE AREA (OR TO THE PROPERTY BOUNDARY WHERE THE SETBACKS ARE LESS THAN 1 METRE);
 - SUITABLE FOR PEDESTRIAN TRAFFIC, MUST BE PROVIDED AROUND THE IMMEDIATE CURTLAGE OF THE BUILDING;
 - PLANTING IS LIMITED IN THE IMMEDIATE VICINITY OF THE BUILDING;
 - PLANTING DOES NOT PROVIDE A CONTINUOUS CANOPY TO THE BUILDING (I.E. TREES OR SHRUBS ARE ISOLATED OR LOCATED IN SMALL CLUSTERS);
 - LANDSCAPE SPECIES ARE CHOSEN TO ENSURE TREE CANOPY COVER IS LESS THAN 15% (PA) AT MATURITY AND TREES DO NOT TOUCH OR OVERHANG BUILDINGS;
 - AVOID SPECIES WITH ROUGH FIBROUS BARK, OR WHICH RETAINED BARK IN LONG STRIPS OR RETAIN DEAD MATERIAL IN THEIR CANOPIES;
 - USE SMOOTH BARK SPECIES OF TREES SPECIES WHICH GENERALLY DO NOT CARRY A FIRE UP THE BARK INTO THE CROWN;
 - AVOID PLANTING OF DECIDUOUS SPECIES THAT MAY INCREASE FUEL AT SURFACE/ GROUND LEVEL (I.E. LEAF LITTER);
 - AVOID CLIMBING SPECIES TO WALLS AND PERGOLAS;
 - LOCATE COMBUSTIBLE MATERIALS SUCH AS WOODCHIPS/MULCH, FLAMMABLE FUEL STORES AWAY FROM THE BUILDING;
 - LOCATE COMBUSTIBLE STRUCTURES SUCH AS GARDEN SHEDS, PERGOLAS AND MATERIALS SUCH AS TIMBER GARDEN FURNITURE AWAY FROM THE BUILDING; AND
 - LOW FLAMMABILITY VEGETATION SPECIES ARE USED.

PLANT SCHEDULE - ALL PLANTS APPROVED FOR USE IN EDUCATIONAL ENVIRONMENTS

SYMBOL	CODE	QTY	BOTANICAL / COMMON NAME	HEIGHT x WIDTH AT MATURITY	POT SIZE	USES
TREES & LARGE SHRUBS						
●	ACpa	4	ACACIA PARRAMATTENSIS / PARRAMATTA GREEN WATTLE	16m x 6m	75LT	(R-N)
●	AGR	4	AGONIS FLEXUOSA BURGUNDY / WILLOW MYRTLE	5m x 3m	75LT	(R-N)
●	BRac	6	BRACHYCHTON ACERIFOLIUS / FLAME TREE	12m x 6m	75LT	
●	COgr	6	CORYMBA HYBRID 'SUMMER RED' / FLOWERING GUM	3-5m x 3m	75LT	(R-N)
●	CUan	5	CUPANIOPSIS ANACARDIODES / TUCKEROO	5-8m x 5-6m	75LT	(N-BT)
●	HYfr	6	HYMENOSPORUM FLAVUM / NATIVE FRANGIPANI	6-8m x 5-6m	75LT	
●	MAgr	5	MAGNOLIA GRANDIFLORA 'LITTLE GEM' / SOUTHERN MAGNOLIA	6m x 3m	75LT	(N-SE)
●	TRfr	8	TRISTANOPSIS LAURINA 'LUSCIOUS' / WATER GUM	7-12m x 3-5m	75LT	(ST-N)
●	ASfr	4	ASSORTED CITRUS AND FRUIT TREES LEMONADE, NAVEL ORANGE, IMPERIAL MANDARIN, WAMPEE MULBERRY, STRAWBERRY TREE, BAY LEAF, FRUITLESS OLIVE	VARIOUS	75LT	(R)
SHRUBS & GRASSES						
●	ANtp	142	ANGOZANTHOS spp. 'BUSH CRYSTAL' / KANGAROO PAW	0.8m x 0.6m	20cm	(R-N-SE)
●	ATnp	9	ATRIPELEX NUMMULARIA / OLD MAN SALT BUSH	2-3m x 1-2m	20cm	(R-N-BT)
●	BAse	6	BANKSIA AEMULIA / WALLUM BANKSIA	3-5m x 1-2.5m	20cm	(R-N)
●	BAsh	9	BANKSIA HYBRID 'BIRD SONG' / BANKSIA	1-2m x 1-2m	30cm	(R-SE)
●	CAsa	1	CAMELLIA SASANQUA 'PARADISE LITTLE LIANE' / DWARF CAMELLIA	1.5m x 1-2m	20cm	
●	COal	27	CORREA ALBA / WHITE CORREA	1.5m x 1.5m	20cm	(R-N-SE)
●	LAN	2	LAVANDULA ANGUSTIFOLIA / ENGLISH LAVENDER	1-2m x 1-2m	20cm	
●	LEbr	30	LEUCOPHYTTA BROWNII / CUSHION BUSH	1-1.2m x 1-1.2m	20cm	(R-N-SE)
●	OLdi	29	OLEARIA 'GHOST TOWN' / COASTAL DAISY	0.8-1m x 0.8-1m	20cm	(R-N)
●	VAsp	26	VACCINIUM spp 'KISSES' & 'JELLY BEAN' / BLUEBERRY	60cm-1m x 75cm	20cm	
GROUNDCOVERS						
●	CAg	134	CARPOROTUS GLAUDESCENS / PIG FACE	SPREAD TO 1m	20cm	(R-N-BT)
●	STty	6	STACHYS BYZANTINA / LAMBS EAR	30-50cm x 1m	20cm	(SE)
●	ASpe	74	ASSORTED PERENNIAL HERBS STRAWBERRY, FENNEL, NATIVE GINGER, NATIVE SPINACH THYME, OREGANO, ROSEMARY, MINT, LEMON VERBENA, LEMON BALM, SAGE, MIDGEBERRY	30cm x 30cm	10cm	(R-SE)

REVISION HISTORY

REVISION	DESCRIPTION	DATE
A	PLAYGROUND CONCEPT	19/09/2023
B	GSEL FEEDBACK	16/10/2023
C	GSEL FEEDBACK	02/11/2023
C.1	ADDITIONAL DDA RAMP	09/11/2023



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Note: The location of services are indicative only and must be proven prior to the commencement of works.

Contractor to verify all dimensions on site and report all discrepancies prior to construction.

Figured dimensions to be taken in preference to scaling from drawings. All dimensions in millimetres unless otherwise noted.

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SCALE 1:200

SCALE BAR

LANDSCAPE DESIGNER NATASHA GEELEN

DRAWN BY NG CHECKED BY NG

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TITLE **L101 - LANDSCAPE PLAN - A1**

CLIENT / PROJECT
WILLOWDALE DRV & JAMBOREE AVE, DENHAM COURT NSW

PROJECT ADDRESS
STOCKLAND / GSEL BUILDING C

DRAWING STATUS TP Issue

PROJECT No. 6156

REVISION No. C.1

SHEETS 1 of 1

DATE 09/11/2023

SIZE

SHEET No. L101

A1

