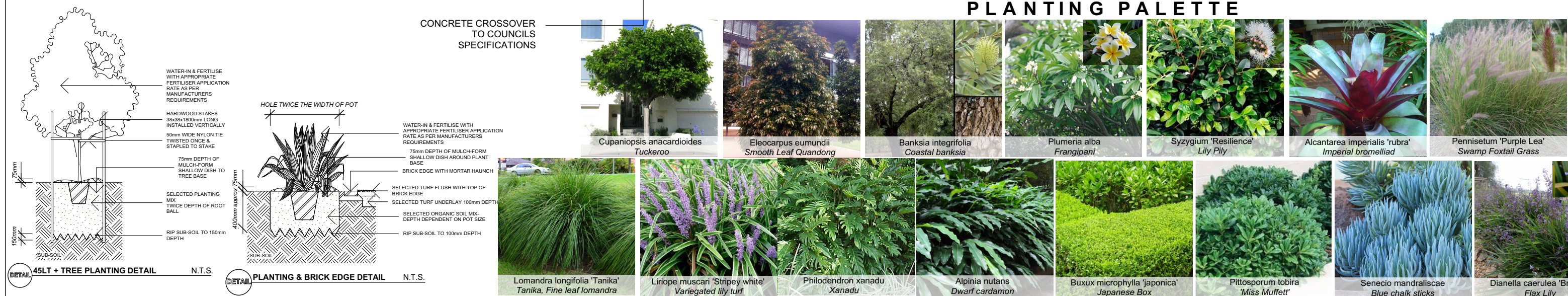


- GENERAL SOFTWARE NOTES**
- GARDEN EDGING**
- Garden edging to be brick paver, steel or timber as specified
 - Brick edging to be laid on a sand/cement mortar bed and haunched around the edges.
 - Bricks to be laid length-ways unless otherwise specified
 - Steel to be 5 x 75mm w/ rods welded in-situ every 1.2m
 - Timber to be treated pine w/ hardwood pegs screwed every 1.2m
- LAWN**
- Grade areas of lawn removing large stones, rocks & sticks
 - Install drainage lines as required and grade lawn toward stormwater pits
 - Spread out a high quality turf underlay mix to a thickness of 150mm
 - Screen soil to the desired levels & grades
 - Roll out selected turf in stretcher bond pattern ensuring no gaps between rolls.
 - Water well after installation
- SOIL**
- All soils to be weed free & sterilised.
 - All lawn areas to be excavated to a depth of 150mm and filled with new turf underlay.
 - Base of excavation to allow for drainage fall to drainage points.
 - Garden beds to be excavated to a depth of 400mm.
 - Organic garden mix to be imported into new garden beds
 - If clay sub-base is uncovered, gypsum is to be added & cultivated into bed of clay.
 - All pots to be filled with high quality fertilised 'Debo' potting mix with filter fabric to base.
- CONCRETE CROSSOVER TO COUNCILS SPECIFICATIONS**
- PLANTING**
- All plants and trees to be planted as per planting plan. Refer to shrub & tree planting details.
 - Excavate holes for plants twice the size of the plants root ball
 - Ensure to remove tags and pots from plants prior to installation, all rubbish to be disposed of.
 - Trees to be staked and tied as required (refer to tree detail if required)
 - Water plants before and after planting
 - All plants especially trees are to have a small well around base to allow for watering.
 - Plant material showing poor signs of health, poor root to shoot ratio and any signs of pest & diseases or weed infestation should be rejected
 - Once plants have been delivered it is the contractors responsibility to water plants and maintain their health.
 - Any plants that die due to lack of water or neglect are to be replaced by the contractor at their expense.
 - Fertilise all plants after planting with slow release Osmocote fertiliser to manufacturers guidelines.
 - Irrigation system is to be fully operational prior to planting.
- MULCHING**
- Install selected mulch to a depth between 50-75mm to all garden beds.
 - Keep mulch free from touching the stem of the plant / tree.
 - Selected mulch to finish 15mm below finished paving or lawn level.
 - Mulch & garden material is to be kept clear of house slab due to Termguard requirements
- IRRIGATION**
- Irrigation system is to be fully automated, connected to 240 volt wall mounted irrigation controller.
 - Contractor is to install a sub-surface drip irrigation system to the entire garden including planter boxes.
 - Irrigation system is to be designed by a qualified irrigation specialist.
 - Landscape contractor is to provide all necessary information to irrigation designer such as mains water & tap locations.
 - All plants to receive even moisture coverage, allow appropriate overlap.
 - All solenoid boxes to be hidden at back of garden beds.
 - Install pressure reduction valve, flush valve & air relief valve.
 - Irrigation to be installed by qualified tradesperson
 - Irrigation system to be fully operational prior to planting and run as per installers recommendations.
 - Landscape contractor is to liaise with garden maintenance contractor in programming the irrigation system.
- DRAINAGE NOTES**
- Drainage design by Hydraulic Engineer / Stormwater Consultant
 - Install pits where required & connect to stormwater system (to engineers details)
 - Install 100mm 'SOCKED' agricultural line behind all walls to link with stormwater
 - Waterproof behind all retaining walls & masonry planter boxes
 - Fall turf areas to pits, pits to drain to existing stormwater
 - Ensure paved areas are free draining
 - Ensure adequate drainage to all garden beds and lawn areas.
 - Encase in 300x300mm of blue metal and cover with filter cloth.
 - Agricultural pipes to drain to junction pits.
- EXISTING TREE PROTECTION MEASURES**
- Ensure the protection of all existing trees to be retained, indicated on the plan, from any damage during construction works.
- Take necessary precautions, including the following:
- Mark trees & shrubs to be retained using non-injurious, easily visible and removable means of identification.
 - Prior to commencement of any construction works, install protective fencing. Maintain in place and in good order for the duration of the construction period. The protection fencing is to consist of 4 strands of fencing wire, or plastic mesh barrier, supported on star pickets spaced at not more than 4m. Installed 1m outside the dripline of existing trees to be retained.
 - Use timber hoarding to protect base of trees, where there is insufficient room protective fencing.
 - Storage/stockpiling of materials, soil or any debris shall not be carried out within the dripline of existing trees.
 - Rectify immediately any damage to or destruction of any existing trees.
 - Where excavation is necessary within the dripline of trees, hand methods shall be used to preserve root systems intact and minimise damage.
 - Where it is necessary to cut tree roots, use a hand saw as to not disturb the remaining root system.
- PLANT ESTABLISHMENT/ MAINTENANCE PERIOD**
- Regular maintenance is to be carried out, including the following works:
- Watering to maintain healthy growth, adjusted on regular basis to suit seasonal conditions
 - Weeding to all garden and lawn areas
 - Pest and disease control
 - Trim hedge plantings to maintain desired heights
 - Tip pruning as required and fertilising to species recommendations
 - Mowing and edging of all turf areas



PLANTING SCHEDULE					
SYMBOL	BOTANICAL NAME	COMMON NAME	MATURE HEIGHT (m)	POT SIZE (mm)	QTY
TREES					
F	Plumeria acutifolia	Frangipani	4	45Lt	2
EE	Eleocarpus eumundii	Quandong	6	45Lt	2
CA	Cupaniopsis anacardioides	Tuckeroo	8	75Lt	4
BI	Banksia integrifolia	Coast banksia	6	45Lt	1
SHRUBS					
PA	Pennisetum alopecuroides 'Purple Leaf'	Fountain grass	1	150	4
LT	Lomandra tanika	Fine leaf lomandra	0.5	150	6
BM	Buxus microphylla japonica	Japanese box	Hedge to 0.4	140	64
SR	Syzygium australe 'Resilience'	Lily Pily	Hedge to 1 - 1.8H	200	57
AR	Alcantarea rubra	Giant bromeliad	0.8	300	2
AN	Alpinia nutans	Dwarf ginger	1	140	3
PT	Pittosporum tobira 'miss muffett'	Miss. muffett	0.5	200	6
PX	Philodendron xanadu	Xanadu	0.7	200	6
LSW	Liriope 'stripey white'	Variegated lily turf	0.5	150	16
DB	Dianella caerulea 'Breeze'	Flax lily	0.7	150	32
GROUNDCOVERS					
SM	Senecio mandraliscae	Blue chalk sticks	groundcover	150	2



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AMENDMENTS
25.3.19 - Landscape plan issued for DA

CHECKED
JD

LANDSCAPE PLAN FOR DA

LOT & DP:	Lot 11, DP 10548	CLIENT:	MR FIEDLER
SCALE:	1:100 @ A2	PROJECT:	LOT 11 N.14 GLADSTONE ST, NEWPORT
DRAWING:	L.P.1	DATE:	25th March 2019
SHEET NO:	1 of 1	DRAWN BY:	Justin Dibble

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