

ST MICHAEL TERRACE

INSTALLATION SPECIFICATIONS

1. TREE AND PLANT MATERIAL SUPPLY AND PLANTING

- 1.1 PLANT MATERIAL
- ALL PLANT STOCK SUPPLIED BY CONTRACTOR SHALL BE OF THE SPECIES AND SIZES AS THOSE ON THE PLANT SCHEDULE. SHOULD THERE BE ANY DIFFICULTIES IN SOURCING PLANTS, THE CONTRACTOR SHALL RECOMMEND SIMILAR SUITABLE SUBSTITUTE SPECIES AND/OR SIZES TO THOSE SHOWN ON THE DRAWINGS. NO SUBSTITUTIONS SHALL TAKE PLACE WITHOUT WRITTEN APPROVAL BY THE SUPERINTENDENT.
  - GREENLIFE MUST BE WELL KEPT: DELIVERED TO SITE ON DAY OF INSTALLATION, OUT OF FULL SUN, AWAY FROM ANIMALS AND PESTS AND ROOTS NOT ALLOWED TO DRY OUT AND SHALL:
    - BE TRUE TO SPECIES, SUBSPECIES AND VARIETY
    - BE IN FIRST CLASS CONDITION AND HEALTHY
    - BE OF GOOD FORM CONSISTENT WITH SPECIES AND VARIETY
    - AND BE PLANTED AS PER THE INSTRUCTIONS BELOW.

1.2. GENERAL PLANTING INSTRUCTIONS

- SETTING OUT OF WORKS - WHERE UNDERGROUND SERVICES, MANHOLES, CABLE PITS, KERBING, PAVING, EXISTING TREE ROOTS AND OTHER OBSTRUCTIONS OCCUR, PLANT CLEAR OF SUCH SERVICES AND OBSTRUCTIONS AND PROTECT THEM FROM DAMAGE BY MACHINES AND EQUIPMENT.
- ALL PLANTS ADJACENT TO FOOTPATHS, SERVICES AND THE LIKE TO BE POSITIONED WITH APPROPRIATE OFFSET TO SIZE TO ENSURE PLANTS DO NOT GROW OVER FOOTPATHS AND SERVICES AT MATURE SIZE (MINIMUM 500MM).
- REMOVE ALL PLANTS FROM THEIR CONTAINERS IN SUCH A MANNER AS TO DO AS LITTLE DISTURBANCE AS POSSIBLE TO THE ROOTS. WHERE NECESSARY, GENTLY TEASE OUT ROOTBALLS BEFORE PLANTING. PLACE TREES, SHRUBS AND PLANTS IN HOLES IN AN UPRIGHT POSITION AND BACKFILL LEVEL WITH TOP OF ROOTBALL. COMPACT SOIL BY HAND.
- REFER DETAILS 'TREE PLANTING' AND 'SHRUB PLANTING DETAIL'.
- A ROOT BARRIER SHALL BE INSTALLED FOR NEW TREES.

1.3 SOIL CONDITIONER

- AFTER SITE WORKS AND BEFORE PLANTING SUPPLY AND INSTALL SOIL CONDITIONER TO ALL PLANTING AREAS.
- PRIOR TO PLACEMENT ENSURE ALL BASE MATERIAL IS CLEAN, FREE DRAINING AND FREE OF ALL BUILDER'S RUBBLE, RUBBISH, DELETERIOUS MATERIAL AND CONTAMINATION. ALL AREAS CONTAMINATED BY THE BUILDER OR OTHERS SHALL BE REMOVED AND REPLACE WITH CLEAN FILL SAND TO THE APPROVAL OF THE SUPERINTENDENT.
- PLACE SOIL CONDITIONER TO A DEPTH OF 15MM OVER THE FULL EXTENT OF AREAS TO BE CONDITIONED. ROTARY-HOE OR SPADE DIG WHERE NECESSARY SOIL CONDITIONER INTO EXISTING SITE SOIL TO A DEPTH OF 80MM TO PRODUCE A FULLY HOMOGENEOUS MIX. REMOVE ALL RUBBLE OR OTHER EXTRANEIOUS AND DELETERIOUS MATTER EXPOSED AS A RESULT OF CULTIVATION, INCLUDING ANY BASE COURSE MATERIAL.
- SOIL CONDITIONER SHALL COMPLY WITH AS4454 COMPOSTS, SOIL CONDITIONERS AND MULCHES.

1.4 FERTILISING

- AFTER PLANTING AND AT TIME OF BACK FILLING ALL PLANTS ARE TO RECEIVE APPROVED PROPRIETY ITEM OF EIGHT TO NINE MONTH SLOW-RELEASE FERTILISER SUITABLE FOR AUSTRALIAN NATIVE PLANTS.
- FERTILISER TO BE APPLIED IN BACKFILL (BELOW GROUND) DURING PLANTING AT THE MANUFACTURERS' RECOMMENDED RATE FOR THE RELATIVE PLANT SIZE, AND AT A MINIMUM RATE AS FOLLOWS:
  - 90 LITRE POT SIZE PLANTS TO HAVE 100 GRAMS
  - 13CM - 17.5CM POT SIZE PLANTS TO HAVE TEN GRAMS

2. MULCH

- ALL MULCH SHALL MEET AUSTRALIAN STANDARD 4454-2012.
- SITE MULCH SHALL BE CHUNKY PINE BARK WOOD CHIPS APPLIED TO A DEPTH OF 75MM.
- MULCH IS TO BE COMPLETELY FREE OF ALL NOXIOUS WEEDS, SEEDS AND FUNGUS, INSECT PESTS AND OTHER DELETERIOUS MATERIAL.
- ALL GARDEN BEDS TO BE MULCHED TO A MINIMUM DEPTH OF 75MM, KEEPING

MULCH CLEAR OF PLANT STEMS.

- TIDY AND GRADE MULCH AFTER APPLICATION, FINISHING 20MM BELOW SURROUNDING HARD SURFACES.

3. IRRIGATION

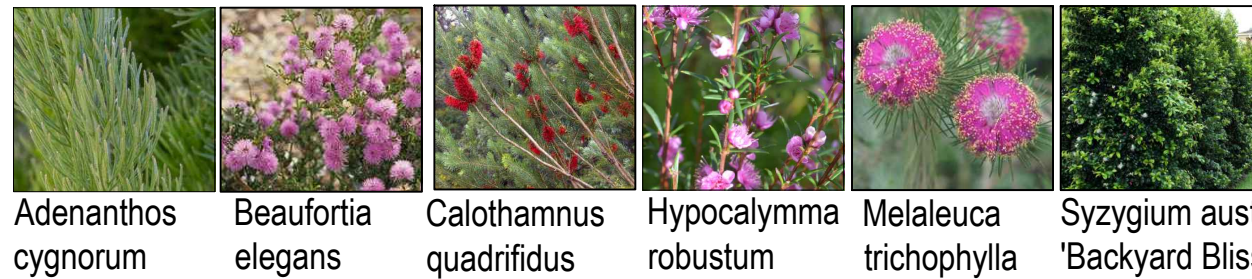
- ALL GARDEN BEDS TO BE IRRIGATED. INSTALL A SUB-MULCH DRIP SYSTEM FOR ALL GARDEN BEDS AND INDIVIDUAL BUBBLERS FOR NEW TREE.
- CONTROLLER TO BE AUTOMATIC SYSTEM WITH RAIN SENSOR. LOCATION TO BE CONFIRMED ON SITE.
- THE CONTRACTOR IS RESPONSIBLE FOR LAYOUT DESIGN AND INSTALLATION OF IRRIGATION SYSTEM.
- AT TIME OF COMPLETION THE IRRIGATION SYSTEM SHALL BE FULLY AUTOMATED, WORKING EFFICIENTLY AND EFFECTIVELY AND WATERING TIMES PROGRAMMED.

PLANT SCHEDULE AND SYMBOL LEGEND						
Code	Symbol	Botanic Name	Mature height x width	Minimum installation size	Planting density m <sup>2</sup>	Number
TREE VARIETY						
Jm		Jacaranda mimosifolia	12m x 8m	90 Litre	Per symbol	1
SHRUB VARIETIES						
Ac		Adenanthos cygnorum	1.5m x 1.5m	17.5cm	1	56
Be		Beaufortia elegans	1m x 1m	14cm	2	18
Cq		Calothamnus quadrifidus	2.5m x 2.5m	14cm	Per symbol	10
Hr		Hypocalymma robustum	1m x 1m	14cm	2	22
Mt		Melaleuca trichophylla	70cm x 1m	17.5cm	2	32
Sa		Syzygium australe 'Backyard Bliss'	3-4m x 1m	5 Litre	1.5	29
GRASS VARIETIES						
Dr		Dianella revoluta	1m x 1m	14cm	2	60
GROUND COVER VARIETIES						
As		Acacia saligna prostrata	30cm x 3m	13cm	.5	30
Hp		Hemianandra pungens alba	30cm x 1.5m	13cm	1	64
Sc		Scaevola crassifolia prostrata	50cm x 2m	13cm	.5	24
TOTAL PLANTS						346
EXISTING TREE LEGEND						
	Existing site trees to be retained (8). Species and structural root zones (red dashed circles) as indicated.					

TREE VARIETY



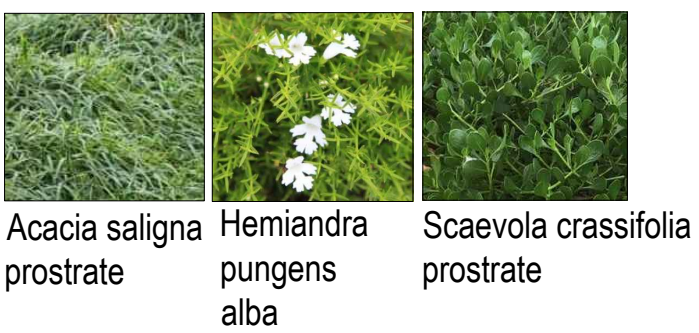
SHRUB VARIETIES



GRASS VARIETY



GROUND COVER VARIETIES



TYPICAL DRAWINGS

