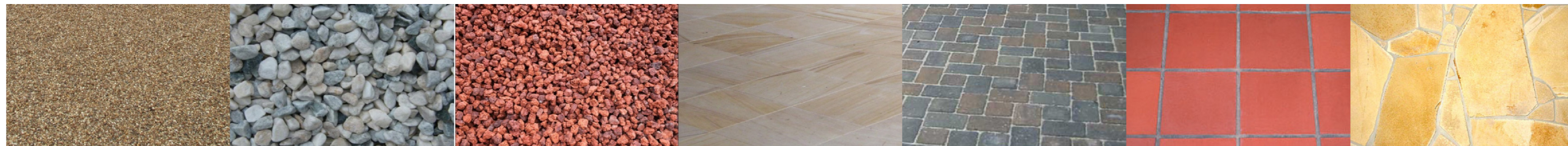


# PLANT PALETTE



<b>Name:</b>	<i>Olea europaea</i>	<i>Lagerstroemia indica</i>	<i>Lavandula dentata</i>	<i>Syzygium australe</i>	<i>Salvia leucantha</i>	<i>Zoysia japonica 'SS500'</i>
<b>Common Name:</b>	Olive Tree	Crepe Myrtle	French Lavender	Tiny Trev Lilly Pilly	Mexican Sage	Empire Zoysia turf
<b>Type:</b>	Tree	Tree	Shrub	Shrub	Shrub	Turf
<b>Height (m):</b>	6	4	1.2	1 to 2	1.5	
<b>Spread (m):</b>	5	3	1.5	1.5	1.5	
<b>Landscape value:</b>	Architectural	Flowers	Flowers	Hedging	Flowers	Low water requirements
<b>Flowers:</b>	Aug-Sep (white)	Summer (mauve)	Spring-Autumn (pale purple)	Spring-Summer (green/white)	Summer-Autumn (purple/white)	
<b>Foliage:</b>	Olive green	Green to orange/red	Green, silvery	Glossy green	Glossy green	

# FINISHES PALETTE



<b>Name:</b>	<i>Stabilised Gravel</i>	<i>White Pebble</i>	<i>Scoria Gravel</i>	<i>General Pavers</i>	<i>Pergola Pavers</i>	<i>Pergola Highlight Pavers</i>	<i>Crazy Pavers</i>
<b>Colour:</b>	Light brown	White/grey	Red	Desert Sand (sandstone)	Neutral grey/brown	Terracotta	Sandstone
<b>Category:</b>	Pavement	Ornamental stone	Ornamental gravel	Landscape paver	Landscape paver	Landscape paver	Landscape paver
<b>Location:</b>	Access road, carparking	Highlight patio squares	Highlight sculpture gardens	General landscaping	Pergola	Pergola	Fire pit
<b>Dimensions:</b>		50-75mm dia		400mmW x 600mmL x 35mmD	150x 100 and 100x100	100x100	

# SPECIFICATIONS

- 1.0 INTRODUCTION -
- 1.1 APPROVED SUPPLIERS -  
 PLANT MATERIAL: Obtain plant material, including plants and mulch from suppliers approved by the superintendent. Advise immediately if supply difficulties are encountered.  
 MULCH: Mulch shall be sourced from site tub ground materials, or from a supplier
- 1.2 INSPECTION  
 Give not less than 48 hours notice to Designer/Superintendent so that inspection may be made of the following:
  - intention to commence works
  - set out
  - plant material set out before planting
  - on completion of landscape works
- 2.0 EXISTING SERVICES  
 REQUIREMENT: before commencing groundworks, locate and mark any existing underground services in the areas which will be affected by groundworks operations.
- 3.0 EROSION & SEDIMENT CONTROL  
 The Contractor is to ensure that existing erosion and sediment controls are not compromised during planting works. Where planting works have the potential to affect erosion the Contractor shall seek direction from the superintendent.
- 4.0 WEED ERADICATION  
 4.1 SAFETY REQUIREMENT  
 Take measures to ensure that safety precautions are carried out with methods that comply with OHS safety requirements and the appropriate environmental protection requirement.  
 4.2 REQUIREMENT  
 Not required.

- 5.0 EARTHWORKS
- 5.1 CULTIVATION  
 Areas to be planted with trees and grasses in natural undisturbed soil are to be cultivated to a depth of 300mm. Do not disturb services or cultivate within the canopy dripline of existing trees or shrubs. Remove stones, concrete fragments or other debris and dispose of off site. Do not attempt works when soil is wet as use of machinery will result in destroyed soil structure. Thoroughly mix in gypsum at a rate of 200g/m2. Trim and level after cultivating as necessary to smooth the planting surface.
- 5.2 IMPORTED SOIL  
 Imported sandy coarse loam shall be used as per the planting details. The following definitions apply:
  - Imported soil - Soil from approved off site source and having the following properties:
    - \* friable loam of medium to coarse texture
    - \* contain 10% organic matter by volume
    - \* be free of stumps, roots, large stones, clay lumps, toxic substances
    - \* have a neutral ph of 6.5 - 7.0
    - \* be free from noxious weeds and other unwanted plants such as *Cyperus rotundus* (nut grass), *Nathoscordum inodorum* (onion weed), *Oxalis sp.*, *Convolvulus arvensis* (bindweed), *Cyodon dactylon* (couch), *Pennisetum glaberrimum* (kikuyu), *Paspalum dilatatum* (paspalum), *Rumex acetosella* (sorrel/sour dock).
- 6.0 MULCH  
 Assume mulch to be applied to all tree and shrub plantings. Where plantings create groups then mulching shall be applied to an area encompassing the entire group - refer to LO3 drawings for specific details of mulch. Mulch shall be free of deleterious matter including soil, weeds, rocks and the like. Mulch shall consist of leaf litter, bark and mulched timber mulch, sourced from clearing of native bushland for subdivisions, commonly referred to as forest mulch. Mulch shall consist of individual pieces of branch, twig, leaf and bark and shall be thoroughly composted for a minimum of 6 months so that no green material exists of any kind. Max. unit diameter 75mm. Max. unit length 100mm long. Mulch should not contain >50% light weight material such as fine leaf litter, etc which may blow away from mulched areas. Do not use privet, coral tree, poplar, willow, camphor laurel or any noxious weeds. Apply mulch to mass planted areas to an even depth of 100mm reduced to 25mm around individual plant stems.



- 7.0 FERTILISERS & ADDITIVES  
 7.1 ADDITIVES  
 Apply soil conditioner equivalent to 'Terracottem' into each planting hole according to the manufacturers instructions and recommended rates.
- 8.0 PLANTING  
 8.1 PLANTS  
 Plants shall be those specified on the plant schedule. Plants at delivery shall be well developed in their containers, free from disease and in no way root bound. They shall be vigorous in growth and adequately hardened off. There shall be no variation in species without prior approval from the Designer/Superintendent. The contractor shall be responsible for the ordering and transportation of plant material from the nursery to the site and correct identification of plant species and varieties in their respective quantities and sizes. Before taking delivery the plants shall be checked by the contractor and no plant is to be accepted which is undersized, unhealthy or has not been adequately hardened off. Plants stored on site must be maintained in perfect condition and every precaution taken against damage and loss.
- 8.2 TUBESTOCK PLANTINGS (incl. FORESTRY TUBES, & VIROTUBES)  
 Ideally the planting day to commence would be after a significant rain event. Water all seedlings to be planted to reduce transplanting shock.

The planting hole should be slightly larger than the tube and deep enough so approximately 3cm of top soil will cover the base of the plant. Compact the soil around the plant (taking care not to damage the plant) to the degree that it can not easily be removed by hand. Leave a slight depression around the seedling to collect water.

Watering after planting can be undertaken if it is practical to do so. Ongoing multiple watering should be avoided to deter the plant from becoming irrigation dependent and shallow rooted. Protective guards should be provided for the duration of the first year of growth.

- 8.3 PLANTING OUT  
 Do not plant into dry or muddy soil or on days over 30 degrees C or any other extreme weather conditions. Ensure plant root systems are moist when removed from container and not allowed dry out. Before planting thoroughly water plants and planting holes. Plant out with minimum disturbance to root systems into pits excavated to minimum 2 x times the volume of the pot size. Remove plastic wire tags, labels, bamboo pot stakes and weeds from plants plus plastic pots & dispose of all of this material off site. Position soil firmly against rootball and immediately after planting deep soak entire planting area. Ensure finished compacted soil levels coincide with natural soil level of the plant. Stake, tie and then carry out soil backfilling so as to ensure complete filling and consolidation of voids around root system to all non tubestock plantings - refer *Details*. Supply one PVC tree bag with 3 bamboo stakes per plant or other approved protective guards to all tubestock.
- Spacing of tree and shrub plantings shall be as indicated on the drawings.
- 9.0 STAKING  
 Where indicated supply and install two hardwood stake 50 x 50 x 1600 to each tree species after planting driving each stake a minimum of one third their length into the ground on windward side of plant. Do not pierce or disturb the root ball. Use durable straight stakes, free from knots or twists or other weaknesses that may cause failure. Point at one end. Staple hessian webbing ties to stakes and loosely wrap around tree max. 200mm to allow some movement by plant.
- 10.0 MAINTENANCE -  
 6 weeks from practical completion  
 Minimum requirements for plant establishment period:
  - Water - allow for minimum 3 follow up waterings for every plant to ensure healthy growth. Waterings to be gauged with existing weather conditions to allow continual growth of the plants, overwatering is not to occur.
  - Replacements - replace all plants that are unhealthy or dead with identically sized species.
  - Soil subsidence - make good if due to workmanship of landscape contractor
  - Mulched surface - maintain in tidy condition, reinstate if necessary
  - Stakes - adjust as necessary, stakes & grow bags to be removed at end of plant establishment period.
- 11.0 MAKING GOOD  
 Finished soil surface levels shall be maintained outside of the watering wells formed for each plant in accordance with the details. Where surfaces are exposed, damaged or compacted during works, make good by seeding, turfing, or other, as appropriate.

DRAWINGS TO BE READ IN CONJUNCTION WITH ARCHITECTURAL PLANS, CIVIL ENGINEERING PLANS AND STRUCTURAL ENGINEER'S DETAIL

REV.	DATE	DESCRIPTION	INITIAL	 <b>DIAL 1100</b> BEFORE YOU DIG	 <b>HDB</b> TownPlanning & Design 1st Floor, 44 Church Street, PO Box 40, MAITLAND NSW 2320 P: (02) 4933 6682 F: (02) 4933 6683 E: admin@hdb.com.au W: www.hdb.com.au ABN 35 078 017 508	© COPYRIGHT 2012 - HUNTER DEVELOPMENT BROKERAGE PTY LTD  All rights reserved. Hunter Development Brokerage Pty Ltd advises that this document and all information contained therein is protected by copyright under the Australian Copyright Act 1968. Reproduction of this document in part or whole and/or use without the written permission from Hunter Development Brokerage Pty Ltd constitutes a breach of copyright. The document may only be used for the purposes for which it was commissioned and in accordance with the Terms of Engagement for the commission. Any reference to the document must include the document in its entirety and also include reference to Hunter Development Brokerage Pty Ltd.	<b>LANDSCAPE</b>		CLIENT:	BTA HOLDINGS STEVE ALLEN/CRAIG BROWN-THOMAS P.O. BOX 484 RUTHERFORD NSW 2320		TITLE:	PALETTES AND SPECIFICATION		
							SCALE:	N.T.S.		DRAWN:	JV		SHEET NO:	2 OF 3	
							DATUM:	AHD		PROJ. MAN.:	JV		DRAWING NO:	LO2	
							DRAWN:	JV		CHECKED:	AS		DIR:	13 JUL 2012	
							PROJ. MAN.:	JV			MOON MOUNTAIN CELLAR DOOR 1733 BROKE ROAD, POKOLBIN LOT 21 DP 543682		REF:	12/036	
B	13 JUL 12	CC APPLICATION	JV										REV:	<b>B</b>	
A	06 JUL 12	FOR CLIENT APPROVAL	JV							63\Jobs\2012\12036 - BTA Holdings - JV - CC for Moon Mountain Cellar Door\Drawings					