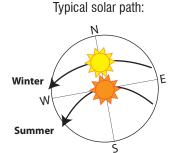
# Gainsborough Greens PIMPAMA

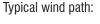
Landscape Design Guidelines

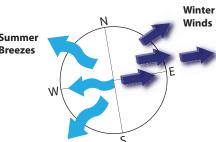
#### **GENERAL LANDSCAPE DESIGN NOTES**

The following planting plans present typical garden layouts. Plans require customisation to suit the unique site conditions. Give consideration to the following:

- Protect and enhance favourable existing views and vistas through considerate placement of trees and shrubs
- Locate trees and shrubs to provide adequate privacy between neighbours and the public realm
- Provide a balance of sun penetration, shading and wind screening
- Consider the location of windows and the mature heights of shrubs when planting around the house perimeter to preserve views into the garden and prevent overshading of the interior
- Consider service locations and potential conflicts with trees
- Provide safe and comfortable access to gates and doorways
- Ensure pathways and pavements are stable, even and non-slip in all weather conditions with adequate crossfalls to prevent ponding of water
- Do not plant spiky plants next to pathways
- Maintain adequate sightlines for drivers and pedestrians in the vicinity of driveways and ensure plants with a mature height of under 500mm are chosen for ciritical locations
- Manage site water to ensure stormwater runs off away from buildings and waterlogging is minimised
- Consider the site's aspect and predict the amount of sun and shade plants will likely receive when selecting species from the plant palette



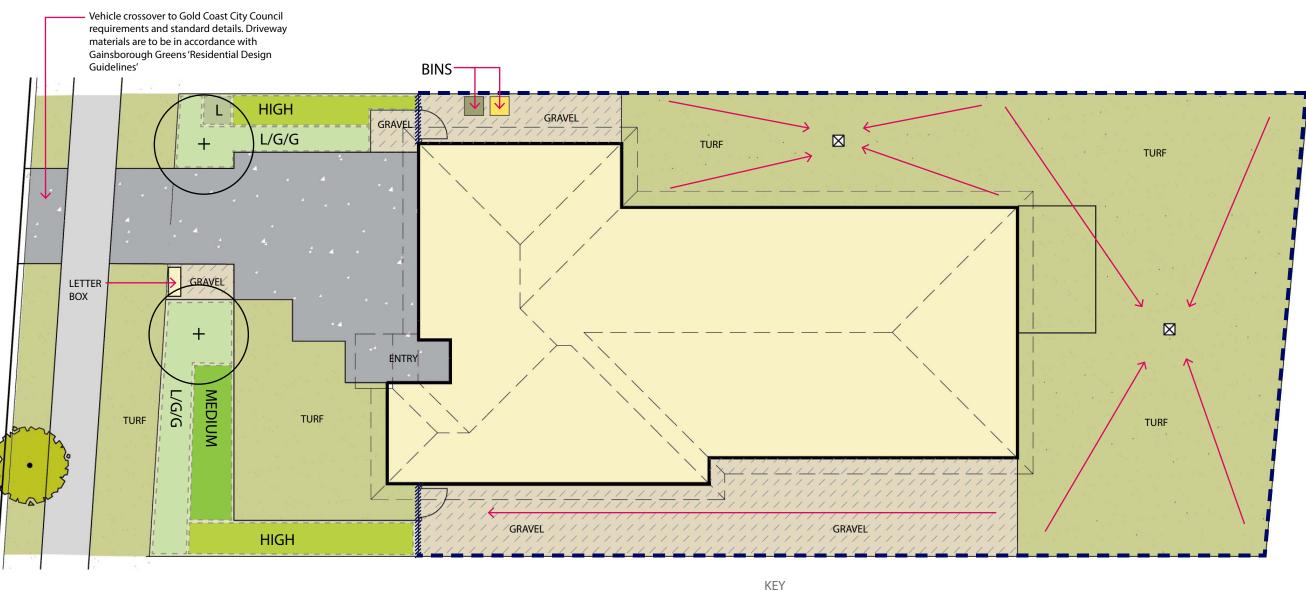




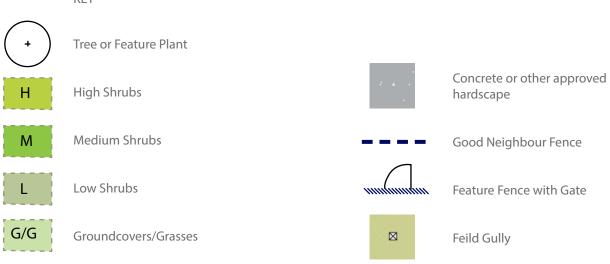
## landscape plan: typical lot

#### TYPICAL LOT

Refer to the plant palette for recommended species list.



Gainsborough Greens PIMPAMA

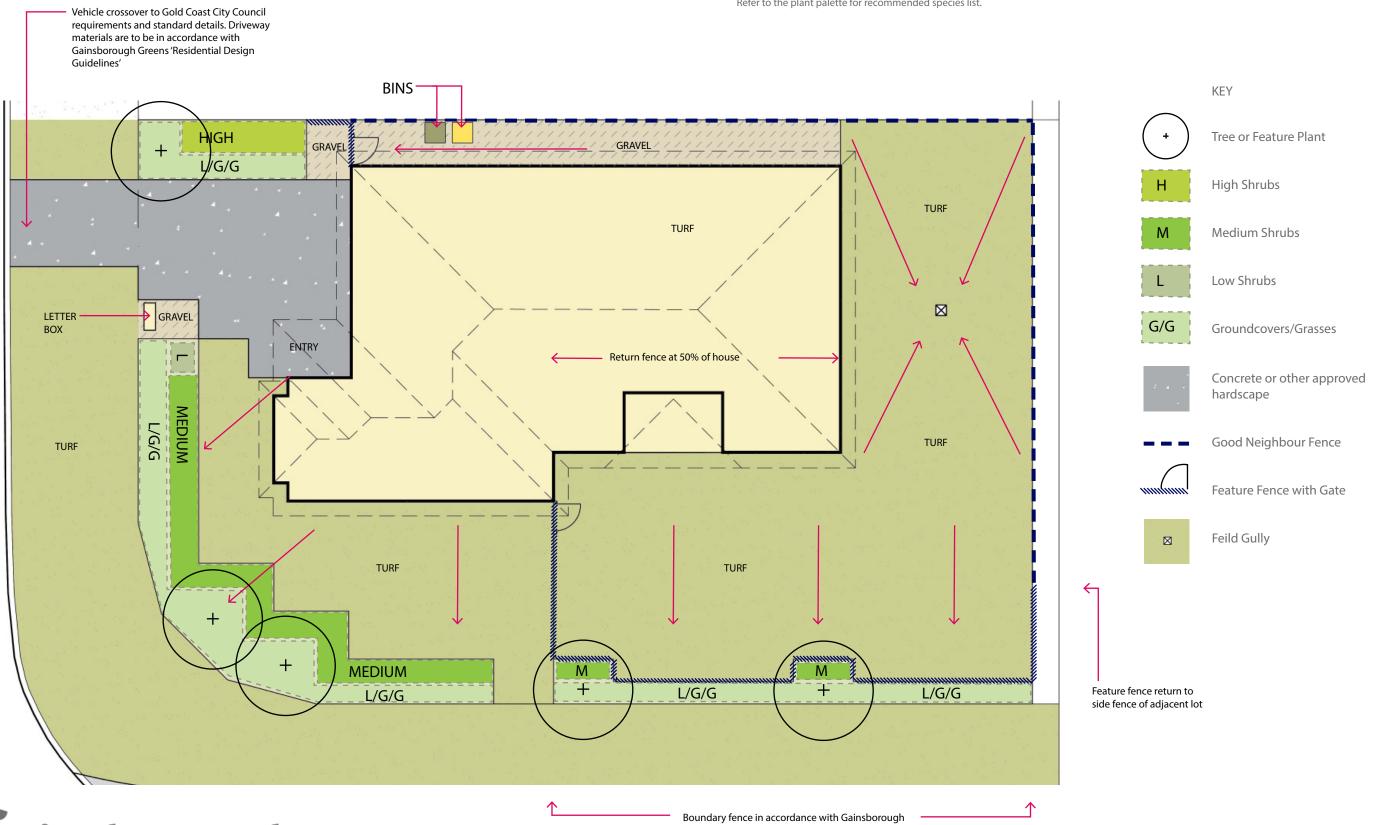


## Landscape Design Guidelines

## landscape plan: corner lot

#### TYPICAL CORNER LOT

Refer to the plant palette for recommended species list.



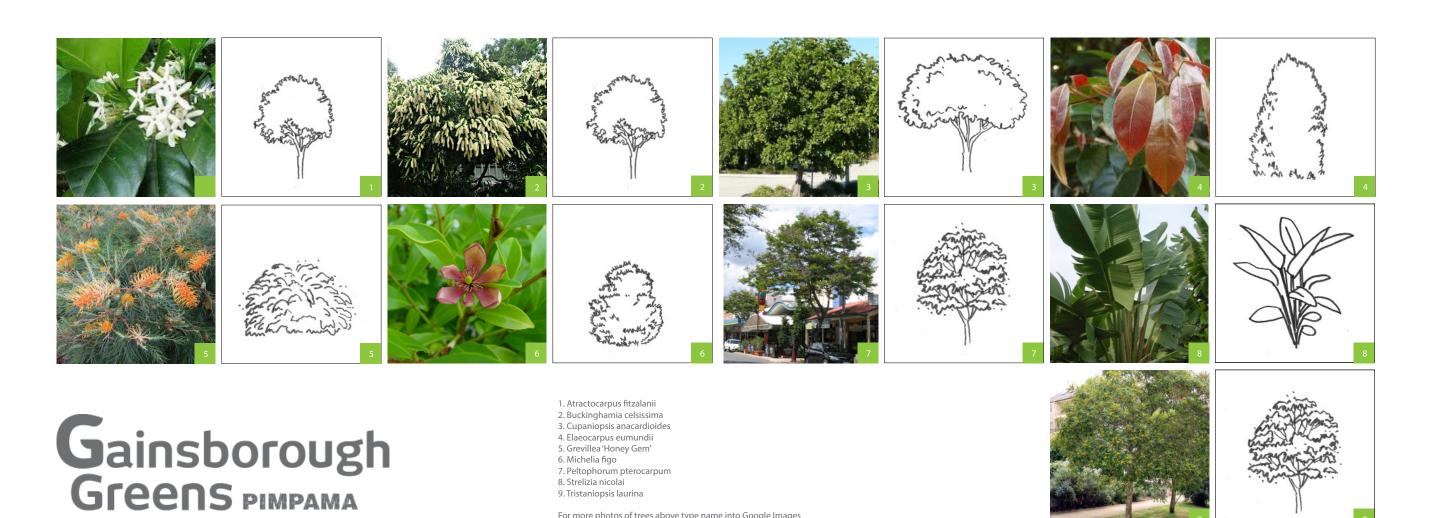
Gainsborough Greens PIMPAMA

Greens 'Residential Design Guidelines.' Refer also to the typical planting module for articulated fences with planting alcoves.

# typical plant palette: trees

	PLANT SPECIES		SIZE	MIN SUPPLY SIZE	LIGHT REQU			WILD		NG	WATE		CE TIPS &	FLO	WERS			STYL	Æ	
	SCIENTIFIC NAME TREES & LARGE SHRUBS	COMMON NAME	HEIGHT x SPREAD AT MATURITY (m)		FULL SUN	PART SUN	FULL SHADE	BIRDS	BUTTERFLY	BEES/INSECTS FOR BIO- DIVERSITY	PRUNE FOR HEDGE	DROUGHT TOLERANT	MOIST SOIL - WELL MULCHED	SPRING	SUMMER	AUTUMN	WINTER	NATIVE	TROPICAL	TRADITIONAL
1.	ATRACTOCARPUS fitzalanii	Native Gardenia	8 x 3	45L	Х	Х		Х	Х	Х	Х		Х	W					Х	Х
2.	BUCKINGHAMIA celsissima	Ivory Curl	8 x 3	45L	Х	Х		Х	Х	Х		Х			W			Χ	X	
3.	CUPANIOPSIS anacardioides	Tuckeroo	8-10 x 7	45L	Х	Х		Х				Х				W	W	Χ		Х
4.	ELAEOCARPUS eumundii	Eumundi Quandong	8 x 3	45L	Х	Х		Х				Х		W	W			Χ	Χ	Х
5.	GREVILLEA 'Honey Gem'	Honey Gem	5 x 3	200mm	Х			Х				Х		У			У	Χ		
6.	MICHELIA figo	Port Wine Magnolia	2.5 x 1.5	45L	Х	Х					Х	Х	Х	С	С				X	Χ
	PELTOPHORUM pterocarpum	Yellow Poinciana	8 to 15 x 5 to 10	45L	Х	Х			Χ	Х		Х		У	У					Х
8.	STRELITZIA nicolai	Giant Bird of Paradise	10 x 5	45L	Х			Х	Χ	Х		Х		W	W				Χ	
9.	TRISTANIOPSIS laurina	Water Gum	5 to 8 x 5 to 10	45L	X			Х	Χ	Χ			Χ		У			Χ		

SELECTION KEY ASPECT - LIGHT REQUIREMENTS FULL SUN: Plant prefers no shade at all PART SUN: Plant requires dappled shade or morning sun only; full shade generally tolerated



9. Tristaniopsis laurina

	PLANT SPECIES		SIZE	MIN SUPPLY SIZE	LIGHT REQU			WILD ATTR			WATE		CE TIPS &	FLO	WERS	5		STYI	LE	
	SCIENTIFIC NAME	COMMON NAME	HEIGHT x SPREAD AT MATURITY (m)		FULL SUN	PART SUN	FULL SHADE	BIRDS	BUTTERFLY	BEES/INSECTS FOR BIO- DIVERSITY	PRUNE FOR HEDGE	DROUGHT TOLERANT	MOIST SOIL - WELL MULCHED	SPRING	SUMMER	AUTUMN	WINTER	NATIVE	TROPICAL	TRADITIONAL
1	FEATURE PLANTS  CYATHEA cooperi	Tree Fern	5 x 3	300mm			Х						Х						X	X
	DORYANTHES palmeri	Giant Spear Lily	2 to 5 x 1.5	300mm	Х			Х	Х	X		X		٢			٢	х	X	
3.	YUCCA elephantipes	Soft Tipped Yucca	2 x 1.5	300mm	Х	Х						Х		W	W				Х	Х
	VINES & CLIMBERS																			
4.	CISSUS antarctica	Kangaroo Vine	to 3m	140mm		Х	Х	Х		Х		Х	Х					Х		Х
	PANDOREA jasminoides	Bower of Beauty	to 5m	140mm	Х	Х						Х		W	W			Х	Х	X
6.	TRACHELOSPERMUM jasminoides	Star Jasmine	5 to 7m	140mm	Х	X			Χ	Χ		Х		W	W	W	W		Х	Χ





- 1. Cyathea cooperi
- Cyatriea cooperi
   Doryanthes palmeri
   Yucca elephantipes
- 4. Cissus antarctica 5. Pandorea jasminoides
- 6. Trachelospermum jasminoides

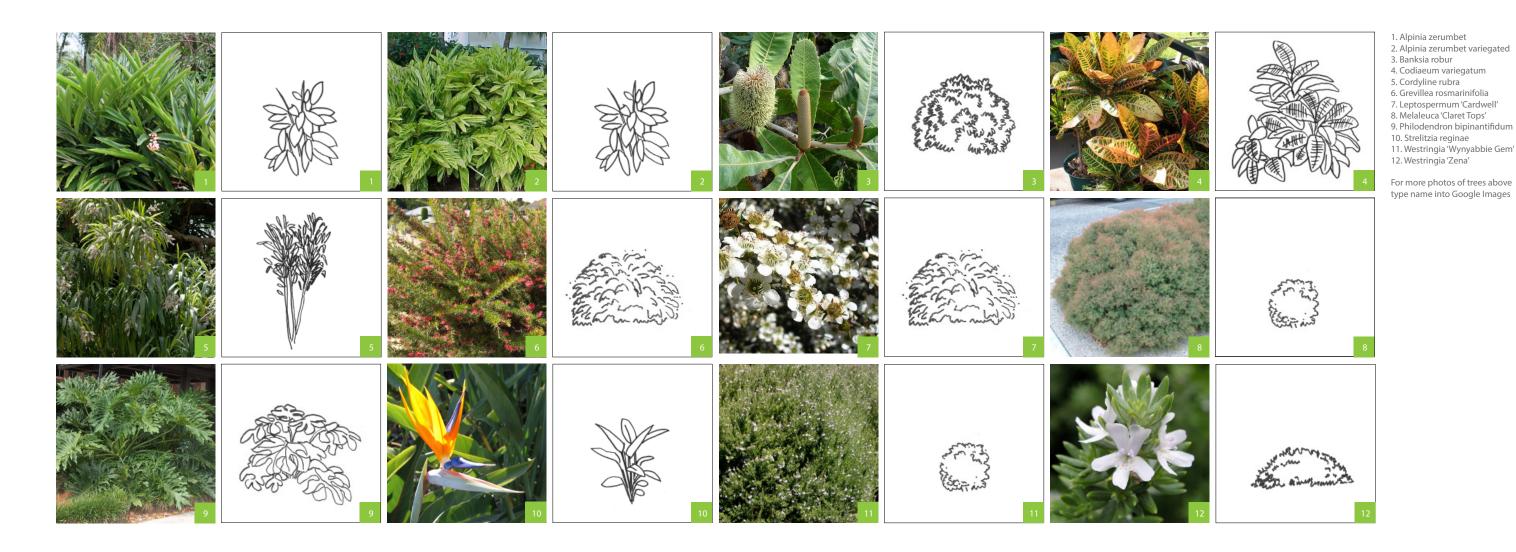
	PLANT SPECIES		SIZE	MIN SUPPLY SIZE	LIGHT REQU			WILD		NG	WATE		CE TIPS &	FLOV	WERS			STYL	Е	
	SCIENTIFIC NAME	COMMON NAME	HEIGHT x SPREAD AT MATURITY (m)		FULL SUN	PART SUN	FULL SHADE	BIRDS	BUTTERFLY	BEES/INSECTS FOR BIO- DIVERSITY	PRUNE FOR HEDGE	DROUGHT TOLERANT	MOIST SOIL - WELL MULCHED	SPRING	SUMMER	AUTUMN	WINTER	NATIVE	TROPICAL	TRADITIONAL
	<b>LARGE SCREENING PLANTS &amp; HEDGING SHRU</b>	BS (Over head height)																		
1.	CALLISTEMON 'Captain Cook'	Bottlebrush Captain Cook	2 x 1.5	200mm	Х			Х	Х	Х		Х		٢				X		X
2.	METROSIDEROS thomasii	New Zealand Christmas Bush	4 x 2	200mm	Х			Х	Х	Х	Х	Х		0	0			Х		X
3.	MURRAYA paniculata	Mock Orange	5 x 3	200mm	Х	Х		Х			Х	Х		С	С				Χ	Х
4.	SYZYGIUM 'Resilience'	Lilly Pilly Resilience	5 x 2	200mm	Х	Х		Х	Х	Х	Х		Х	С				Х		X
5	THYSANTHOLAFNA maxima	Tiger Grass	2 to 3 x 1 to 2	200mm	X	X						X							X	





- 1. Callistemon 'Captain Cook'
- 2. Metrosideros thomasii
- 3. Murraya paniculata
- 4. Syzygium 'Resilience' 5. Thysantholaena maxima
- 5. Thysantholaena maxima

	PLANT SPECIES		SIZE	MIN SUPPLY SIZE	LIGHT REQU		MENTS WILDLIFE MAINTENANCE TIPS & WATER REQUIREMENTS						FLO	LOWERS			STYI	.E		
	SCIENTIFIC NAME	COMMON NAME	HEIGHT x SPREAD AT		FULL SUN	PART SUN	FULL SHADE	BIRDS	SUTTERFLY	BEES/INSECTS FOR BIO- DIVERSITY	PRUNE FOR HEDGE	DROUGHT TOLERANT	MOIST SOIL - WELL MULCHED	SPRING	SUMMER	AUTUMN	WINTER	NATIVE	FROPICAL	TRADITIONAL
	<b>MEDIUM SCREENING PLANTS &amp; HEDGING SH</b>	IRUBS (About head height)													<u> </u>					
1.	ALPINIA zerumbet	Shell Ginger	2 x 1.5	140mm	Х	Х		Х	Х	Х			Х	W	W	W	W		Х	
2.	ALPINIA zerumbet variegated	Variegated Shell Ginger	2 x 1.5	140mm	Х	Х		Х	Х	Х			Х	W	W	W	W		Х	
3.	BANKSIA robur	Swamp Banksia	2 x 2	140mm	Х			Х	Х	Х			Х			g		Х		
4.	CODIAEUM variegatum	Croton	2.5 x 2	140mm	Х							Х							Х	
5.	CORDYLINE rubra	Palm Lily	2 to 3 x 2	200mm		Х	Х	Х	Х	Х			Х	рu					Х	
6.	GREVILLEA rosmarinifolia	Rosemary Grevillea	2 x 2	140mm	Х	Х		Х				Х		٢			٢	Х		
7.	LEPTOSPERMUM 'Cardwell'	Cardwell	2 x 1.5	200mm	Х			Х	Х	Х		Х	Х	W			W	Х		Х
8.	MELALEUCA 'Claret Tops'	Claret Tops	1.5 x 1	200mm	Х							Х						Х		Х
9.	PHILODENDRON bipinnatifidum	Lace Tree	3 x 3 to 4	200mm		Х							Х						Х	
10.	STRELITZIA reginae	Bird of Paradise	1-2 x 1.5	140mm	Х							Х		0	0	0	0		Х	Х
	WESTRINGIA 'Wynyabbie Gem'	Native Rosemary	1.5 x 1.5	200mm	Х	Х			Х	Х	Х	Х		Ь				Х		Х
12.	WESTRINGIA 'Zena'	Native Rosemary	1 x 1	140mm	Х	Х			Х	Х	Х	Х		Ь				Х		Х



	PLANT SPECIES		SIZE	MIN SUPPLY SIZE	LIGHT REQU			WILD		NG	WATE		CE TIPS &	FLOV	WERS	;		STYL	E	
	SCIENTIFIC NAME	COMMON NAME	HEIGHT x SPREAD AT MATURITY (m)		FULL SUN	PART SUN	FULL SHADE	BIRDS	BUTTERFLY	BEES/INSECTS FOR BIO- DIVERSITY	PRUNE FOR HEDGE	DROUGHT TOLERANT	MOIST SOIL - WELL MULCHED	SPRING	SUMMER	AUTUMN	WINTER	NATIVE	TROPICAL	TRADITIONAL
	LOW SHRUBS & HEDGING SHRUBS (About wai	st height)					_		_									_		
1.	BAECKEA virgata 'La Petite'	La Petite	lxl	140mm	Х	Х			Х	Х	Х		Х		W			Х		Х
2.	BANKSIA spinulosa	Hairpin Banksia	2 x 1.5	140mm	Х			Х				Х			У	У		Х		Х
3.	CALLISTEMON 'Little John'	Little John	1 x 1	140mm	Х	Х		Х	Х	Х	Х	Х		٢				Х		
4.	MOLINERIA capitulata	Palm Grass	1 x spreading	200mm		Х	Х						Х		У				X	
5.	MYOPORUM ellipticum	Coastal Myoporum	0.5 x 2	140mm	Х	Х						Х		W	W			Х		Х
6.	PHILODENDRON 'Xanadu'	Xanadu	0.75 x 1	140mm	Х	Х				·			Х						Х	
7	TRACHELOSPERMUM jasminoides	Star Jasmine	5 to 7m	140mm	Х	X			X	X		Х		W	W	W	W			X

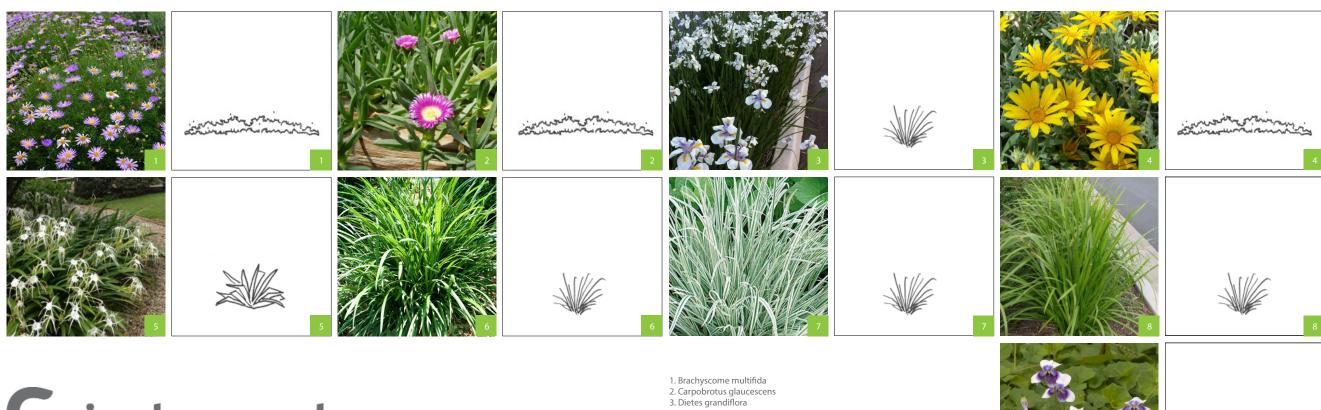




- Baeckea virgata 'La Petite'
   Banksia spinulosa
   Callistemon 'Little John'

- 4. Molinera capitulata
- 5. Myoporum ellipticum
- 6. Philodendron 'Xanadu' 7. Trachelospermum jasminoides

	PLANT SPECIES		SIZE	MIN SUPPLY SIZE	LIGHT REQU			WILD ATTR		NG	WATE		CE TIPS &	FLO	WERS	;		STYL	Æ.	
	G/G SCIENTIFIC NAME	COMMON NAME	HEIGHT x SPREAD AT		FULL SUN	PART SUN	FULL SHADE	BIRDS	BUTTERFLY	BEES/INSECTS FOR BIO- DIVERSITY	PRUNE FOR HEDGE	DROUGHT TOLERANT	MOIST SOIL - WELL MULCHED	SPRING	SUMMER	AUTUMN	WINTER	NATIVE	TROPICAL	TRADITIONAL
	<b>GRASSES &amp; GROUNDCOVERS (Below knee he</b>	ight)				_	_													
1.	BRACHYSCOME multifida	Cut Leaf Daisy	0.5 x 0.8	140mm	Х	Х			Х	Х		Х		рi	pi			Х		Х
2.	CARPOBROTUS glaucescens	Pig Face	spreading 2m	140mm	Х							Х			pi	рi		Х	Х	
3.	DIETES grandiflora	Wild Iris	1 x 1	140mm	Х							Х		w/b	w/b					Х
4.	GAZANIA rigens	Gazania	0.3 x 0.5	140mm	Х				Χ	Х		Х		0	0			Χ		Х
5.	HYMENOCALLIS littoralis	Spider Lily	0.75 x 0.5	140mm		Х			Χ	Х			Χ		W				Χ	Х
6.	LIRIOPE muscari 'Evergreen Giant'	Liriope Evergreen Giant	0.75 x 0.3	140mm	Х							Х			рu	рu			Χ	Х
7.	LIRIOPE muscari 'Stripey White'	Variegated Liriope	0.4 x 0.5	140mm	Х							Х			pu	pu			Χ	Х
8.	LOMANDRA hystrix	Slender Mat Rush	1.5 x 1.5	140mm	Х							Х		С	С			Х		
9.	VIOLA hederacea	Native Violet	0.15 x 0.2	140mm		Х	Х					Χ	Х	w/pu				Χ	Χ	Х





- Gazania rigens
   Hymenocallis littoralis
- 6. Liriope 'Evergreen Giant' 7. Liriope 'Stripey White'
- 8. Lomandra hystrix
- 9. Viola hederacea



## Landscape Design Guidelines

## typical planting details

#### **GENERAL SPECIFICATION NOTES**

The drawings shown are indicative of typical planting plans only. Planting plans must be tailored to each site to accommodate unique conditions and constraints.

#### **GARDEN EDGING**

All garden areas are to have a minimum internal width of 600mm. A flush, durable garden edge is to be provided between all garden beds and turfed areas, areas of other loose material and road frontages.

#### MULCH

Standards: To AS4454-1999 'Compost, soil conditioners and mulches'.

Mulch Type: Hoop pine (medium) - 100mm deep.

#### CUITIVATION

Cultivate all garden and turfed areas to a depth of 150mm prior to spreading topsoil.

#### MOUNDING

Maximum gradients to landscaped areas shall be:

- To garden beds 1:3
- To turfed / grassed areas 1:4

Stabilise slopes greater than 1:3.

#### TOPSOIL

Standards: To AS 4419 'Garden Soils for landscaping and garden

Minimum Depths:

- To garden beds 200mm
- To tree holes and pits 1.5 x rootball diametre and 2 x rootball depth
- To turfed areas 100mm

#### TREES

Minimum pot sizes:

Nominally - 2 x 45 litre stock + 1 x 100 litre stock

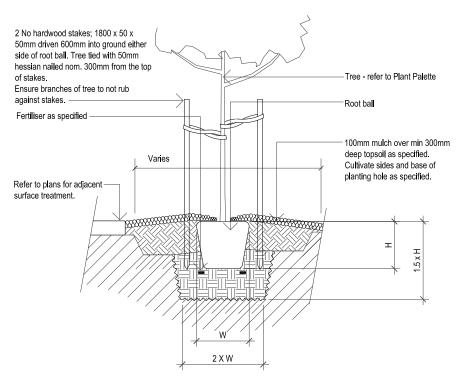
All trees supplied (including street trees) shall be certified to comply with NATSPEC's "Specifying Trees: a guide to assessment of tree quality" by Ross Clark 2003. The nursery must provide written certification that the trees are NATPSEC compliant or provide independent arboricultural certification that the supplied trees are NATSPEC compliant.

Refer to the standard detail for recommended planting procedures.

Trees are not to be planted within:

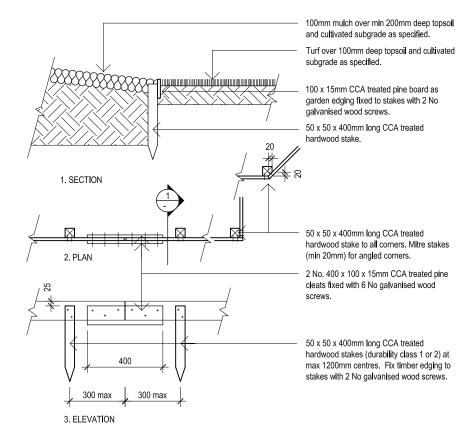
- 3m of residential vehicular access
- 4.5m of all other vehicular access crossings
- 3m of a fire hydrant
- 7m of street light
- 3m of power poles 3m of pad mounted transformers
- 3m of inspection boxes
- 3m of water valves
- 1.5m of property service connection (such as roofwater, gas, sewer, water, telecommunications, electricity)

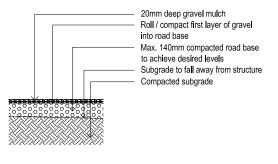




#### TYPICAL TREE PLANTING IN GARDEN BED DETAIL

Scale: 1:40 @ A3





1. SECTION - GRAVEL PATH DETAIL

RECOMMENDED GARDEN EDGE DETAIL

Scale: 1:20 @ A3

Scale: 1:40

GRAVEL PATH DETAIL Scale: 1:40 @ A3

## **GAINSBOROUGH GREENS**

☐ Minimum of 1 plant per m2

☐ Corner lot fencing (Type 3) compliant:

1m setback from property boundary

☐ Trees located at least 3m from structural elements

☐ Stormwater run-off directed away from neighbouring properties

1m articulation in fence with runs not less than 3m or more than 10m

#### LOT LANDSCAPE DESIGN & CONSTRUCTION CHECKLIST

	AILS								
Stag	ge		Lot						
	В	uilder/Landscaper					Client		
Com	npany:			Site	e Addr	ess			
Con	tact:			Cor	ntact:				
Mok	oile:			Мо	bile:				
Ema	nil:			Em	ail·				
LIIIC					an.				
INCLI	USIONS								
		ng the house from the stre	eet)						
Desig	-	Landscape Plan		Planting Plan					
Gard	lens	To Front		To Rear		To Left Side		To Right Side	
Edge	s	Timber		Concrete		Other			
Lawr	1	To Front		To Rear		To Left Side		To Right Side	
	<b>e T1</b> (GNF)	To Front		To Rear		To Left Side		To Right Side	
	e <b>T2 +3</b> (FF)	To Front		To Rear		To Left Side		To Right Side	
	<b>e 4</b> (PLF)	To Front		To Rear		To Left Side		To Right Side	
Pavii	ng	Driveway		Pavers		Concrete Paths		Steppers	
		Gravel							
60\ /F	-NIANIT DEGI	UDENATATE (C. b							
		UIREMENTS (Submit							
	· · · · · · · · · · · · · · · · · · ·	please provide a sup	porting	g argument foi	r consi	· · · · · · · · · · · · · · · · · · ·	451.5		
<b>√</b>	MINIMUM S					COMN	TENI		
	Garden edge	shown between turf and $\xi$	gardens/	gravel					
	Edge material	l acceptable							
	U								
	_	reet frontage minimum 50	0% of ar	ea					

Fence returns to the house not more than 50% along the length of the building

One driveway per lot

3m separation to neighbour's driveway

Driveway material is exposed aggregate concrete or other approved surface

Main pedestrian entry path is a suitable hard surface

Side paths are similar to main entry or other suitable decorative gravel

### **GAINSBOROUGH GREENS**

#### LOT LANDSCAPE DESIGN & CONSTRUCTION CHECKLIST

#### **PREFERABLE DESIGN OUTCOMES**

(these are not mandatory and are provided for guidance only)

- ◆ 100mm thick organic mulch (clean forest mulch; hoop pine, hardwood chip etc.)
- Trees: 2 x 45L bags and 1 x 100L bag
- Shrubs: minimum 300mm pots size at 1/m2
- ◆ Groundcovers: minimum 140mm pot size at 2/m2
- ♦ Keep gardens a minimum of 1.5 away from the main house
- ♦ Keep trees a minimum of 3m away from the main house
- ◆ Provide a minimum of one yard gully every 75m2 where the yard cannot fall to the street
- ♦ Nominally 150mm step down from doorways to hard surfaces
- ◆ Lawn levels nominally 220mm below finished floor level
- ◆ Trees should be 3m from all council services and 1m from property connection services
- Recommend green couch to lawns in full sun or soft leaf buffalo (like Sir Walter) when in part shade
- Use decorative gravel or paving to Utility zones or areas that are shaded most of the day.

NOTES	