

URBAN DESIGN GUIDELINES FOR DOWNTOWN CORE PLANNING AREA

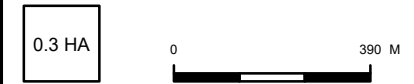
LANDSCAPING REQUIREMENTS FOR KEY STREETS

LEGEND

 PLANNING AREA BOUNDARY



SCALE : 1:15,000 @ A3



DRWG NO : DT/2019/026a

DATE : NOVEMBER 2019

GROUP : CUDG



To make Singapore a great city to live, work and play

Tree and Shrub Species in CBD Area

APPENDIX 6

Road / Location Name	Current situation	Proposed Tree and Palm Species			Proposed Shrub Species	
		Species	Spacing	Size (G: Girth, Ht: Height, OH: Overall Height, CT: Clear Trunk Height)	Species	Size (Ht: Height, Spc: Spacing)
Shenton Way	Regular roadside plantings (Boon Tat St to Maxwell Rd)	Agathis robusta	6.0m c/c	G: 0.1 to 0.2m, Ht: 3.0m to 4.0m	<i>Jatropha integerrima</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
	<i>Ixora superpink</i>				Ht: 0.6m, Spc: 0.3m, spread: 0.3m	
	Regular roadside plantings (Maxwell Rd to Keppel Rd)				<i>Duranta dwarf white</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Raffles Quay	Regular roadside plantings	Agathis robusta	6.0m c/c	G: 0.1 to 0.2m, Ht: 3.0m to 4.0m	<i>Jatropha integerrima</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Ixora superpink</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Duranta dwarf white</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Collyer Quay	Regular roadside plantings, heavy shade from Angsana at Centre median	Agathis robusta	6.0m c/c	G: 0.1 to 0.2m, Ht: 3.0m to 4.0m	<i>Jatropha integerrima</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Ixora superpink</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Duranta dwarf white</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Battery Road	Heavy pedestrian traffic	<i>Barringtonia calyprata</i>	6.0m c/c	G: 0.1 to 0.2m, Ht: 3.0m to 4.0m	Aerated slabs or Grass cells around trees	
Market Street	Shady road with heavy pedestrian traffic	<i>Archontophoenix alexandrae</i>	6.0m c/c		<i>Ficus nitida "Gold"</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Robinson Road	Regular roadside plantings with different landscape along the road	Datum palms of <i>Roystonea oleracea</i>	6.0m c/c	G: 0.2m, OH: 4.0m	<i>Ixora "Super Pink"</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Jatropha integerrima</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Polyscias fruticosa "Dwarf"</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
					<i>Carphalea kirondron</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
		Secondary row of <i>Dictyosperma album</i>	3.0m c/c	G: 0.2m, OH: 3.0m	<i>Pandanus sanderii</i>	Ht: 0.2m, Spc: 0.3m, spread: 0.3m
Cecil Street	Regular roadside plantings with different landscape along the road	Datum palms of <i>Roystonea oleracea</i>	6.0m c/c	G: 0.2m, OH: 4.0m	<i>Cordyline fruticosa "Dracena reflexa" "Song of India", Heliconia "Golden Torch", Osmoxylum lineare "Yellow"</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Ixora "Dwar Yellow"</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
		Possible secondary trees of <i>Dictyosperma album</i>	3.0m c/c	G: 0.2m, OH: 3.0m	<i>Pandanus sanderii</i>	Ht: 0.2m, Spc: 0.3m, spread: 0.3m
Cross Street	Existing big trees with shade tolerance shrubs	<i>Sterculia parviflora</i>	6.0m c/c	G: 0.2 to 0.3m, OH: 3.5 to 4.0m (CT: 1.5m)	<i>Polyscias fruticosa, Pandanus sanderii,</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
					<i>Heliconia "Ameriana Dwarf", Fucreae gigantea, Dracena reflexa "Song of India", Pacystachys lutea</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m

Tree and Shrub Species in CBD Area

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Road / Location Name	Current situation	Proposed Tree and Palm Species			Proposed Shrub Species	
		Species	Spacing	Size (G: Girth, Ht: Height, OH: Overall Height, CT: Clear Trunk Height)	Species	Size (Ht: Height, Spc: Spacing)
Pickering Street	Big trees with spreading crowns and informal landscape	Terminalia ivorensis	6.0m c/c	G: 0.2m, OH: 3.0m	Ficus nitida "Golden", Philodendron "Golden", Bauhinia kockiana	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
					Heliconia "Andromeda", Ixora "Super King"	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Church Street	Big trees with spreading crowns and informal landscape	Terminalia ivorensis	6.0m c/c	G: 0.2m, OH: 3.0m	Ficus nitida "Golden", Philodendron "Golden", Bauhinia kockiana	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
		Secondary row of Plumeria	3.0m c/c	G: 0.2m, OH: 3.0m	Heliconia "Andromeda", Ixora "Super King"	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Anson Road	Regular roadside plantings with gap-filling flowerbed	Lagestroemia floribunda	6.0m c/c	G: 0.2m, OH: 3.0m - 4.0m	Loropetalum chinensis, Carphalea kirontron, Ochna kirkii, Heliconia "Andromeda"	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					Excoecaria cocchinensis (Variegated Leaf)	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
					Ficus "Benjamina White", Belacmda chinensis, Excoecaria cocchinensis (Variegated Leaf)	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
					Jatropha integerrima, Cordyline fructicosa, Loropetalum chinensis	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Maxwell Road	(South Bridge Road - Robinson Road) Big trees with shade tolerant landscape	Pterocarpus indicus (angsana)			Evertamia divarcata, Philodendron selluom, Ficus nitida "Gold", Heliconia "Andromeda", Codiaem variegatum "Red", Cordyline fructicosa	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
		Peltophorum pterocarpum (yellow flame)				
	(Robinson Road - ECP) Big Roadside trees and Palms	Pterocarpus indicus	6.0m c/c	G: 0.2m, OH: 3.0m - 4.0m	Polyscias fruticosa "Dwarf", Ophiopogon japonicus	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
		Carallia suffruticosa. Alternative spp: Carallia brachiata var 'Honiara'				
McCallum Street		Hopea odorata	12.0m c/c	OH: 4.0m	Caesalpinia pulcherrima, Crossandra influndibuliformis, Pandanus pygmaeus	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Boon Tat Street		Agathis robusta	6.0m c/c	Ht: 3.0m	Caesalpinia pulcherrima, Crossandra influndibuliformis, Pandanus pygmaeus	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Stanley Street		Xantohstemon chrysanthus	6.0m c/c	Ht: 4.0m or above	Caesalpinia pulcherrima, Crossandra influndibuliformis, Pandanus pygmaeus. If planting verge is narrow, just Pandanus pygmaeus	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Enggor Street		Pouleria obovata	6.0m c/c	Ht: 4.0m or above	Loropetalum chinensis, Carphalea kirontron, Ochna kirkii, Heliconia "Andromeda"	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					Excoecaria cocchinensis (Variegated Leaf)	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Bernam Street		Pouleria obovata	6.0m c/c	Ht: 4.0m or above	Loropetalum chinensis, Carphalea kirontron, Ochna kirkii, Heliconia "Andromeda"	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					Excoecaria cocchinensis (Variegated Leaf)	Ht: 0.3m, Spc: 0.3m, spread: 0.3m

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		Species	Spacing	Size (G: Girth, Ht: Height, OH: Overall Height, CT: Clear Trunk Height)	Species	Size (Ht: Height, Spc: Spacing)
Tras Street		<i>Pouleria obovata</i>	6.0m c/c	Ht: 4.0m or above	<i>Loropetalum chinensis, Carphalea kirontron, Ochna kirkii, Heliconia "Andromeda"</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Excoecaria cocchinensis (Variegated Leaf)</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Palmer Street		<i>Pouleria obovata</i>	6.0m c/c	Ht: 4.0m or above	<i>Loropetalum chinensis, Carphalea kirontron, Ochna kirkii, Heliconia "Andromeda"</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Excoecaria cocchinensis (Variegated Leaf)</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Hoe Chiang Road	Regular roadside plantings of trees and palms with shading from both sides by tall buildings.	<i>Dillenia philippinensis</i>	4.0m c/c	Ht: 4.0m or above	<i>Calalthea lutea</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Philodendron erubscen gold</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Keppel Road	Regular roadside plantings of trees and palms with high shading from flyover	<i>Casuarina equisetifolia</i>	6.0m c/c	Ht: 4.0m or above	<i>Loropetalum chinensis, Ochna kirkii, Excoecaria cocchinensis (Variegated Leaf)</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Philodendron anderson red</i>	
		<i>Chrysophyllum cainito</i>				
		<i>Conocarpus erectus var. sericeus</i>			<i>Sansevieria trifasciata</i>	
Tanjong Pagar Road	Regular roadside plantings with gap-filling flowerbed	<i>Dillenia philippinensis</i>	6.0m c/c	Ht: 4.0m or above	<i>Alpinia zerumbet 'Variegata'</i>	
			3.0m c/c		<i>Loropetalum chinensis</i>	
		<i>Sterculia paviflora</i>	6.0m c/c		<i>Clerodendrum buchananii</i>	
		<i>Conocarpus erectus var. sericeus</i>	3.0m c/c			
Amoy Street	No flowering beds but some existing trees	<i>Xanthostemon chrysanthus</i>	6.0m c/c	Ht: 4.0m or above	<i>Pandanus spp</i>	Ht: 0.3m, Spc: 0.3m, spread: 0.3m
Telok Ayer Sreet	(Cecil St to Cross St)	<i>Xanthostemon chrysanthus</i>	6.0m c/c	Ht: 4.0m or above	<i>Pandanus pygmaeus</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
					<i>Caesalpinia pulcherrima</i>	
	(Cross St to Church St)	<i>Michelia Xalba</i>	6.0m c/c	Ht: 4.0m or above	<i>Polyscias fruticosa, Pandanus sanderii, Heliconia "Ameriana Dwarf", Fucreae gigantea, Dracena reflexa "Song of India"</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Straits View (development edge)		<i>Hopea odorata</i>	12.0m c/c	OH: 4.0m	<i>Algaia odorata and Wrightia religiosa</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Straits View (Park egde)		<i>Yellow Samanea Saman (Yellow Rain)</i>	10.0m c/c	OH: 4.0m	<i>Arachis sp. or Zoysia sp., Hymenocallis speciosa variegated</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m

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		Species	Spacing	Size (G: Girth, Ht: Height, OH: Overall Height, CT: Clear Trunk Height)	Species	Size (Ht: Height, Spc: Spacing)
Boon Tat Street Extension		<i>Agathis robusta</i>	6.0m c/c		<i>Caesalpinia pulcherrima, Crossandra infundibuliformis and Pandanus pygmaeus</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Marina Way		<i>Lagestroemia floribunda</i>	8m c/c	G: 0.1 to 0.2m, Ht: 3.0m - 4.0m	<i>Excoecaria cochichinensi, Heliconia psittacorum "Andromeda"</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Park Street (McCallum Street Extension)		<i>Hopea oderata</i>	12.0m c/c	OH: 4.0m	<i>Caesalpinia pulcherrima, Crossandra infundibuliformis and Pandanus pygmaeus</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Union Lane		<i>Xanthostemon chrysanthus</i>	6.0m c/c	OH: 4.0m	<i>Pandanus pygmaeus and Osmoxylum lineare 'Yellow'</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Marina View (development edge)		<i>Hopea odorata</i>	12.0m c/c	OH: 4.0m	<i>Algaia odorata and Wrightia religiosa</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Marina View (Park edge)		<i>Yellow Samanea Saman (Yellow Rain)</i>	10.0m c/c	OH: 4.0m	<i>Arachis sp. or Zoysia sp., Hymenocallis speciosa variegated</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Shenton Lane		<i>Lophanthera lactescens</i>	6.0m c/c	OH: 4.0m	<i>Russelia equisetiformis 'Yellow' and Tecomaria capensis 'Aurea'</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m
Union Street		<i>Lophanthera lactescens</i>	6.0m c/c	OH: 4.0m	<i>Pandanus pygmaeus and Osmoxylum lineare 'Yellow'</i>	Ht: 0.6m, Spc: 0.3m, spread: 0.3m