

APPENDIX

I. DESIGN



- The design of the Floral Clock draws inspiration from the signature characteristics of Audemars Piguet’s Royal Oak collection:
 - Octagonal bezel
 - Hexagonal screws
 - Tapisserie dial
- The entire display fuses traditional and contemporary elements of landscaping. The formal, geometric plantings within the clock dial is balanced with a more informal, organic form of landscaping on the periphery.

FLORAL CLOCK DIMENSIONS		
	AREA	DIAMETER/LENGTH
Floral Clock	39 m ² <i>270 m² - including periphery plants</i>	7-metre-wide
Clock dial	20 m ²	5-metre-wide
Planting grid	0.4 m ²	0.63 metres X 0.63 metres
Clock hand (hour)		2.5 metres long
Clock hand (minute)		3.3 metres long
Clock hand (second)		3.3 metres long

FLORAL CLOCK PARTS & MATERIALS	
Clock edge	Granite
Clock hands	Galvanised steel
Clock rim	Weather resistant stainless steel
8 X Hexagonal screws	Weather resistant stainless steel
Hour markers	Weather resistant stainless steel with LED lighting

II. PLANTS

The Floral Clock is an excellent opportunity to showcase tropical plants which are not commonly used in Singapore.

- About 5,000 tropical annual and perennial plants in more than 20 varieties are found in the display.
 - **Annual plant:** A plant that performs its entire life cycle from seed to flower within one year, then dies.
 - **Perennial plant:** A plant that persists for many growing seasons until it reaches maturity.
- The plant palette will be refreshed regularly for the public to enjoy.

Listed below are some examples of the plants used:

NAME OF PLANT	INFORMATION	TYPE OF PLANT
<p><i>Cleome hassleriana</i> (Spider Flower)</p> 	<p>Native to South America, the <i>Cleome hassleriana</i> is a fast-growing annual plant that grows up to 1.5 metres tall on rigid stems. The plant produces a sweet fragrance that attracts birds and butterflies, and is commonly known as the Spider Flower for its spider-like flowers.</p>	Annual
<p><i>Celosia spicata</i> (Celosia, Cockscomb Flamingo)</p> 	<p>The Celosia is a heat tolerant annual that is popularly used in displays and arrangements because of its abundant wheat-like pink flower spikes. As with most other annuals, it thrives in a sunny location with well-drained soils.</p>	Annual

NAME OF PLANT	INFORMATION	TYPE OF PLANT
<p><i>Catharanthus roseus</i> (Madagascar Periwinkle)</p> 	<p>This evergreen shrub thrives in sunny and well-drained locations, and takes drought conditions well. Under suitable conditions, each plant can grow to more than a metre in height with flowers every day of the year. Newer cultivated varieties are available in different colours of red, pink and white petals with different coloured eyes. Extracts of this shrub are used by pharmaceutical companies to produce medical drugs.</p>	<p>Perennial</p>
<p><i>Torenia fournieri</i> (Wishbone Flower)</p> 	<p>The Wishbone Flower is a small bushy annual with small delicate flowers that come in various bright colours such as blue, rose, yellow, pink, purple or white, which bloom abundantly in part sun and shade conditions. The name 'Wishbone Flower' comes from the two short wishbone-shaped curved stamens that are joined at the tip and bees will break the wishbone when they pollinate the flowers.</p>	<p>Annual</p>
<p><i>Loropetalum chinense</i> (Chinese Fringe Flower)</p> 	<p>This variety of <i>Loropetalum chinense</i> is a pink-flowered, small purple-leaved evergreen shrub of the witch hazel family. Native to woodlands in China, Southeast Asia and Japan, it can be trained into a low hedge, and typically grows in a rounded multi-stemmed form with ovate leaves that can be easily pruned. Lightly aromatic, the flowers bloom in clusters of four narrow, downward-drooping, strap-shaped petals.</p>	<p>Perennial</p>
<p><i>Gomphrena globosa</i> (Bachelor's Button)</p> 	<p>The <i>Gomphrena globosa</i> is an old-fashioned annual plant that has been popularly grown for centuries in European and American gardens. The plant thrives in hot and dry conditions, and grows up to 0.4 metres in height and spreads over 0.3 metres wide. It is interestingly called the Bachelor's Button from the small round-shaped flowers that resemble buttons, which come in purple, white and pink.</p>	<p>Annual</p>