

LONGWOOD
GARDENS

James Sutton, Display Designer

Large Scale Conservatory Displays

Our Mission

Longwood Gardens is the living legacy of Pierre S. du Pont, inspiring people through excellence in garden design, horticulture, education and the arts.

Our Vision

Longwood Gardens is one of the great gardens of the world. We strive for innovation in horticulture and display.

We present the arts in an unparalleled setting to bring pleasure and inspire the imagination of our guests.

We contribute to society through excellent and diverse education programs, horticultural research, environmental stewardship, and cultural and community engagement.



Welcome to Longwood Gardens

- Longwood Gardens was founded in 1906– the year Pierre S. du Pont bought the property
 - The original purchase was 202 acres for \$15,500
- Today, the Gardens are made up of 1,050 acres, 350 of which are garden proper
- There are nearly 4 acres under glass, where we showcase Longwood's 5 seasons of spectacular horticultural displays
 - Opened in 1921



Pierre S. du Pont



Construction of the Exhibition Hall

The Five Seasons of Longwood

Summer of Spectacle:

- May 27 – September 30

Chrysanthemum Festival:

- October 7 – November 19

A Longwood Christmas:

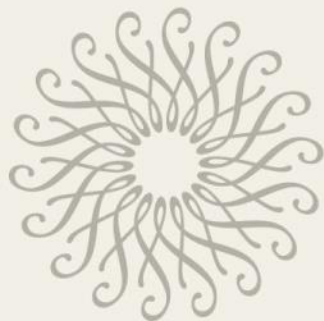
- November 23 – January 7

Orchid Extravaganza:

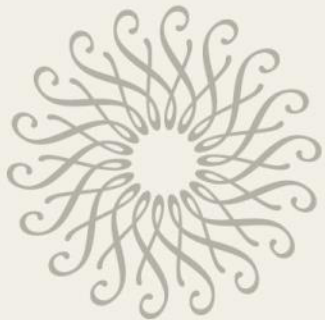
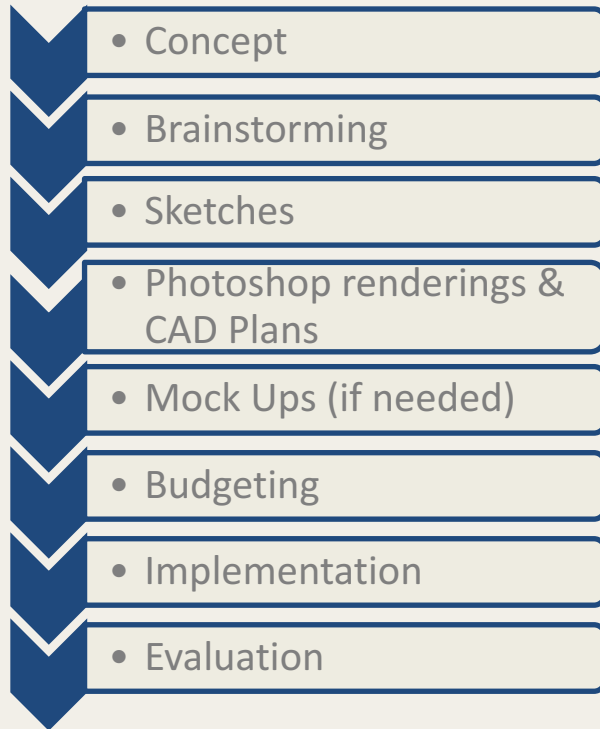
- January 20 – March 25

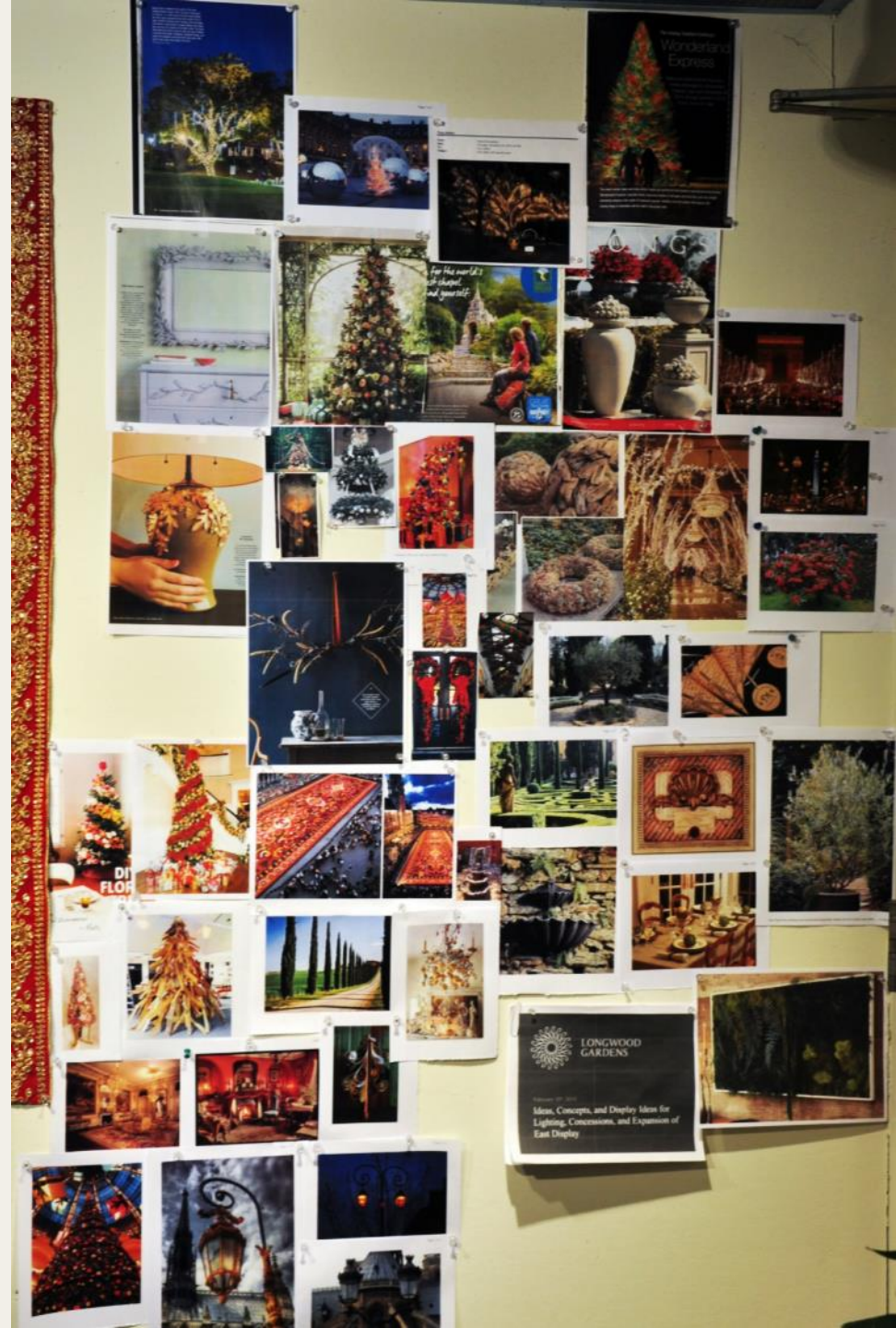
Spring Blooms:

- March 31 – May 6



The Design Process







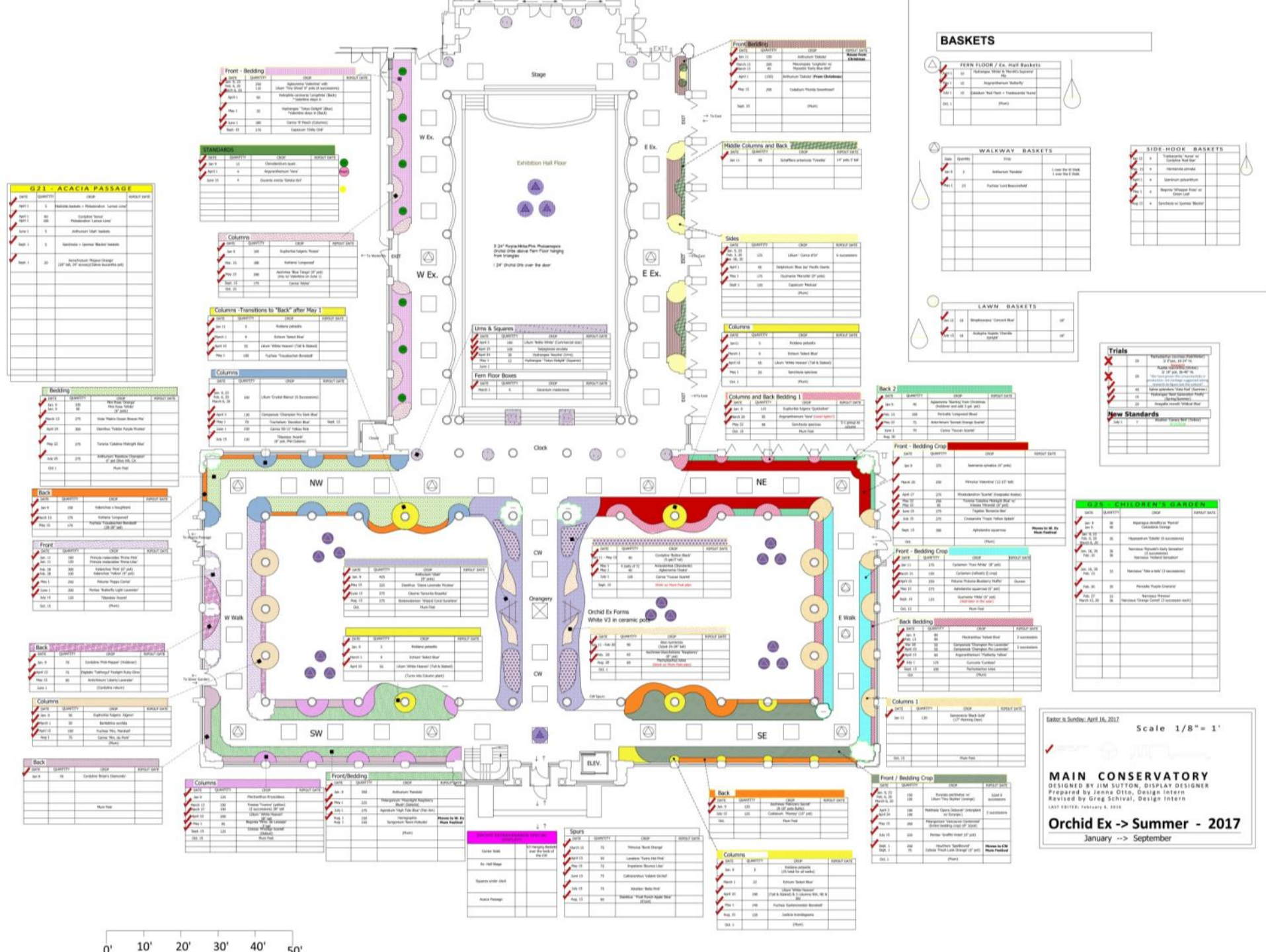


Easter to Sunday: April 16, 2017

Scale 1/8" = 1'

MAIN CONSERVATORY
DESIGNED BY JIM SUTTON, DISPLAY DESIGNER
Prepared by Jenna Otto, Design Intern
Revised by Greg Schival, Design Intern
LAST EDITED: February 6, 2017
Orchid Ex -> Summer - 2017
January -> September





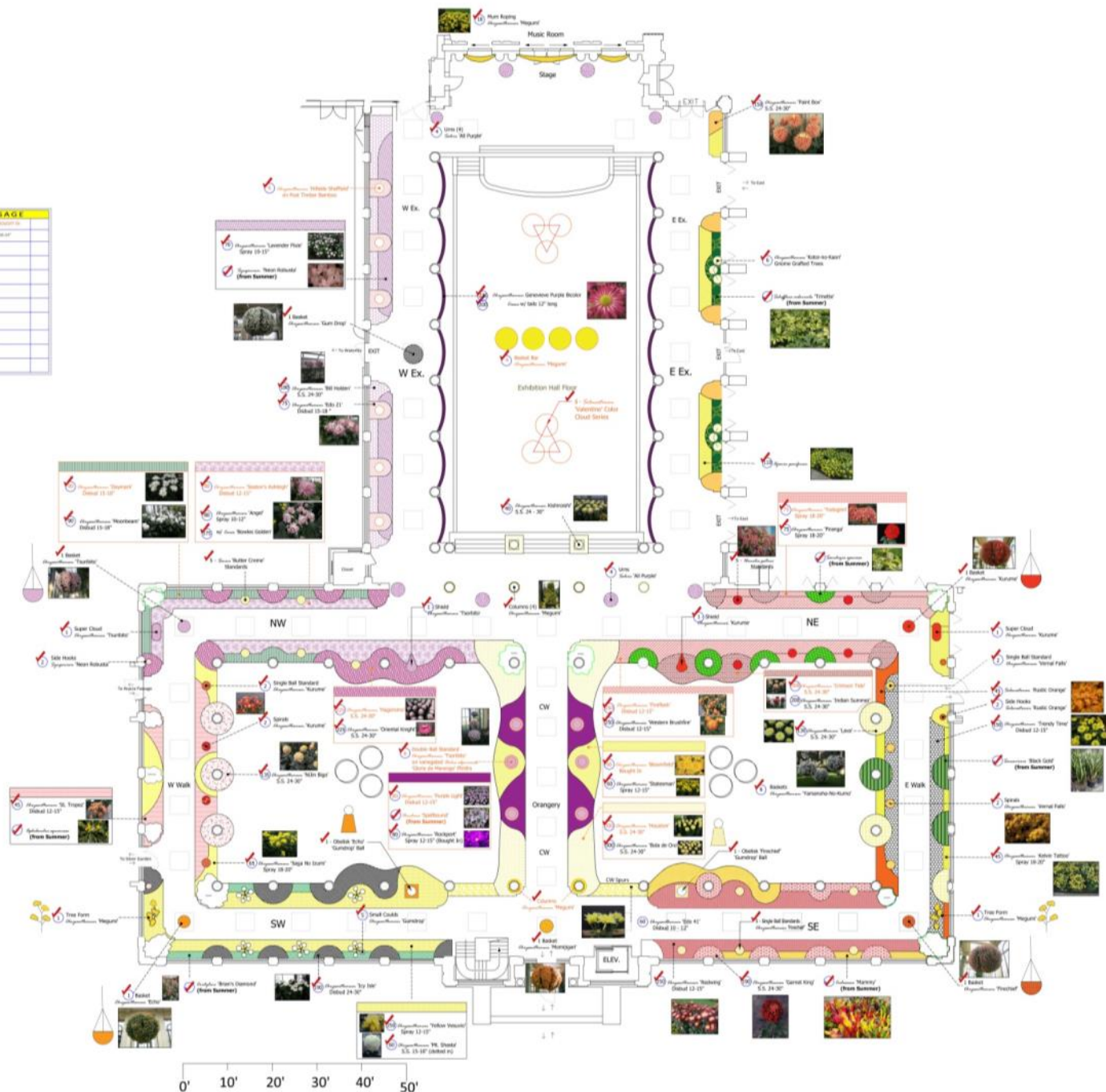
Easton is Sunday, April 16, 2017

Scale 1/8" = 1'

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DESIGNED BY JIM SUTTON, DISPLAY DESIGNER
Prepared by Jenna Otto, Design Intern
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LAST EDITED: February 6, 2016

Orchid Ex -> Summer - 2017
January --> September

January --> September

[illegible]

- Early Set
(In full color Oct 1st - Install Oct 2-6th)
- Complimentary Set
(Install Oct 16-27th)

Scale 1/8" = 1'

MAIN CONSERVATORY
DESIGNED BY JIM SUTTON, DISPLAY DESIGNER
PREPARED BY GREG SCHVAL, DESIGN INTERN
LAST EDITED: September 2, 2012

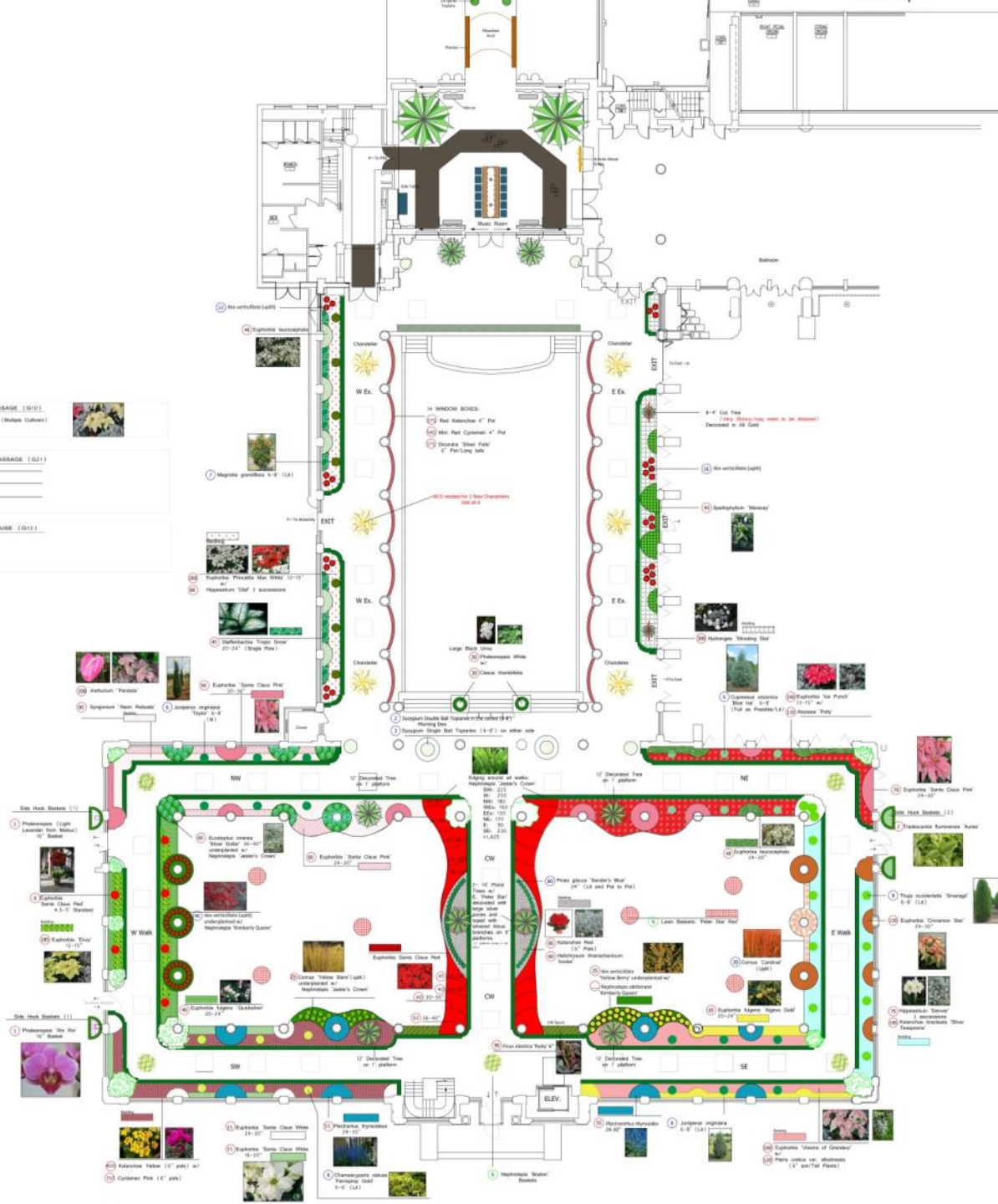
Chrysanthemum Fest - 2017

October 7, 2017 --> November 19, 2017

FERN PASSAGE (G10)
 Euphorbia (Multiple Cultures)

ACACIA PASSAGE (G21)

ROSE HOUSE (G13)



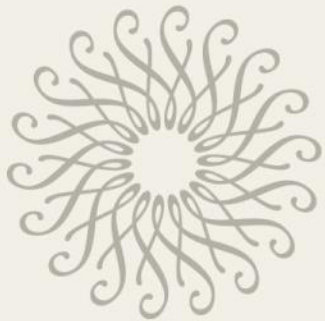
Scale 1/8" = 1'

MAIN CONSERVATORY
 DESIGNED BY JIM SUTTON, DISPLAY DESIGNER
 Prepared by Gregory Schial, Design Intern
 LAST EDITED: February 25, 2017

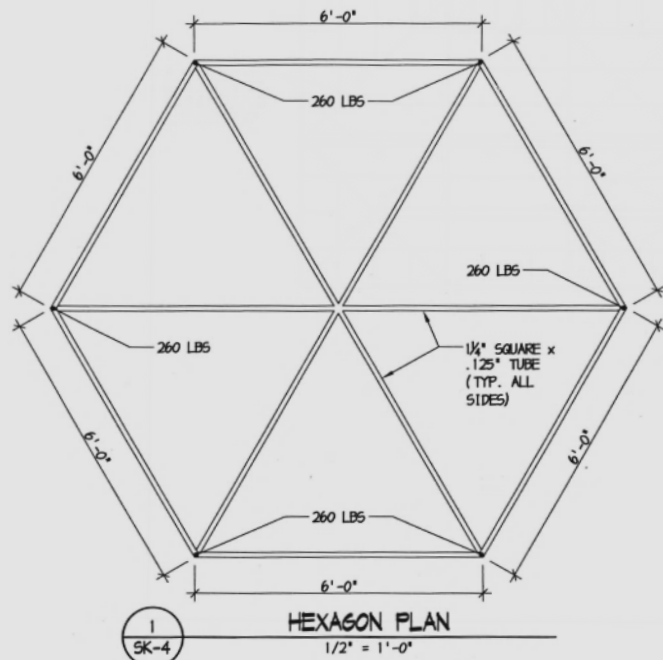
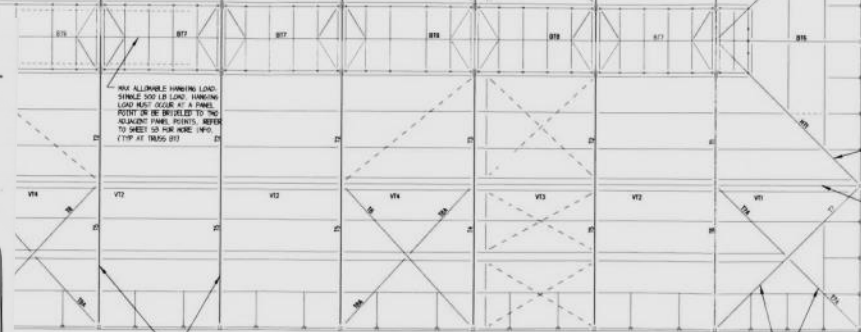
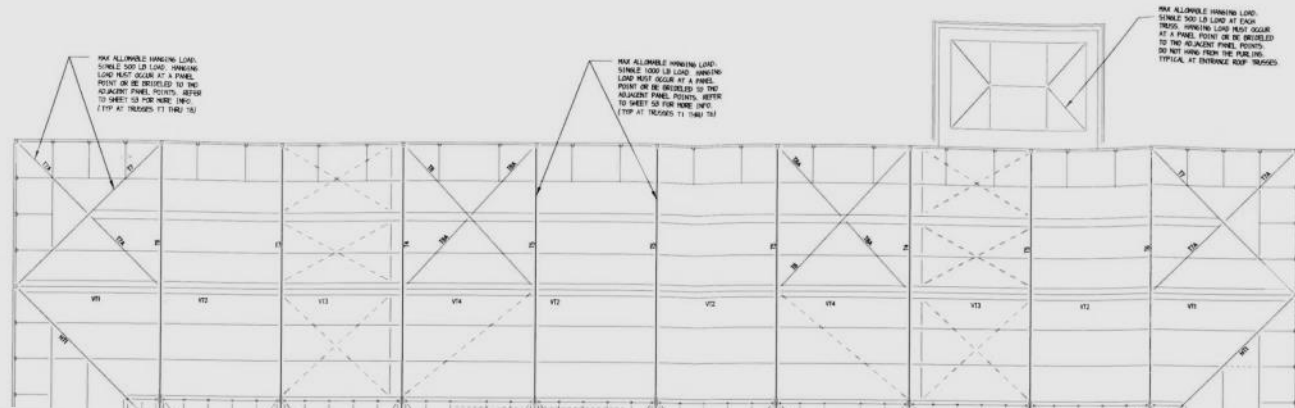
Christmas - 2017
 November 23, 2017 - January 7, 2018

0' 10' 20' 30' 40' 50'

Logistics







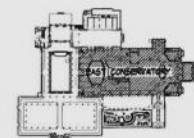
MAX ALLOWABLE HANGING LOAD:
SINGLE 1000 LB LOAD. HANGING
LOAD MUST OCCUR AT A PANEL
POINT OR BE BRIDLED TO THE
ADJACENT PANEL POINTS. REFER
TO SHEET 53 FOR MORE INFO.
(TYP AT TRUSSES T1 THRU T6)

1
32

EAST CONSERVATORY ROOF PLAN

1/8" = 1'-0"

NOTE:
REFER TO DRAWING 53 FOR ALLOWABLE
HANGING LOAD INFORMATION FOR CHAIR
TRUSS TYPE. THERE ARE TO BE NO
HANGING LOADS FROM EXISTING PURLING
WITHOUT FURTHER ANALYSIS.



MAX ALLOWABLE HANGING LOAD:
SINGLE 500 LB LOAD. HANGING
LOAD MUST OCCUR AT A PANEL
POINT OR BE BRIDLED TO THE
ADJACENT PANEL POINTS. REFER
TO SHEET 53 FOR MORE INFO.
(TYP AT TRUSSES T1 THRU T6)

NO.	DATE	REVISION	DESCRIPTION

P.O. Box 501
Kennett Square, PA
19348-0501
Phone: (610)388-1000
Fax: (610)388-2074

East Conservatory Roof
Allowable Hanging Loads

BAKER, INGRAM & ASSOCIATES
388 East Main St. Newton, Pa. 17051
ph: (717) 458-1757 fax: (717) 458-1758

PROJECT NO. 161422011
DRAWN BY: KLN
CHECKED BY: TEW
DATE: 10/14/2011
SCALE: As Noted

PROJECT NO. LWG0230002
SHEET NO. 2 OF 9



NOTE: LOAD LIMIT BASED ON THE LESSER OF THE
WORKING STRENGTH OF CABLE OR THE CAPACITY
OF THE EXISTING ROOF TRUSSES.

BAKER, INGRAM, & ASSOCIATES
STRUCTURAL ENGINEERS

505 East Main Street, Wilmington, DE 19711
Newark, Delaware 302.486.2700 / Fx
Dover, Delaware 302.486.2700 / Fx
Lancaster, Pennsylvania mail@bakeringram.com
Haddon Heights, New Jersey
Centerville, Maryland

CONSERVATORY BASKET RIGGING
LONGWOOD GARDENS
KENNETT SQUARE, PA

DESIGNED BY: TEM DATE: 05/24/13
CHECKED BY: TEM SCALE: AS NOTED
DRAWN BY: ACB M.O.: T866.00
DRAWING NO.: SK-4 SHEET: 4 OF 5





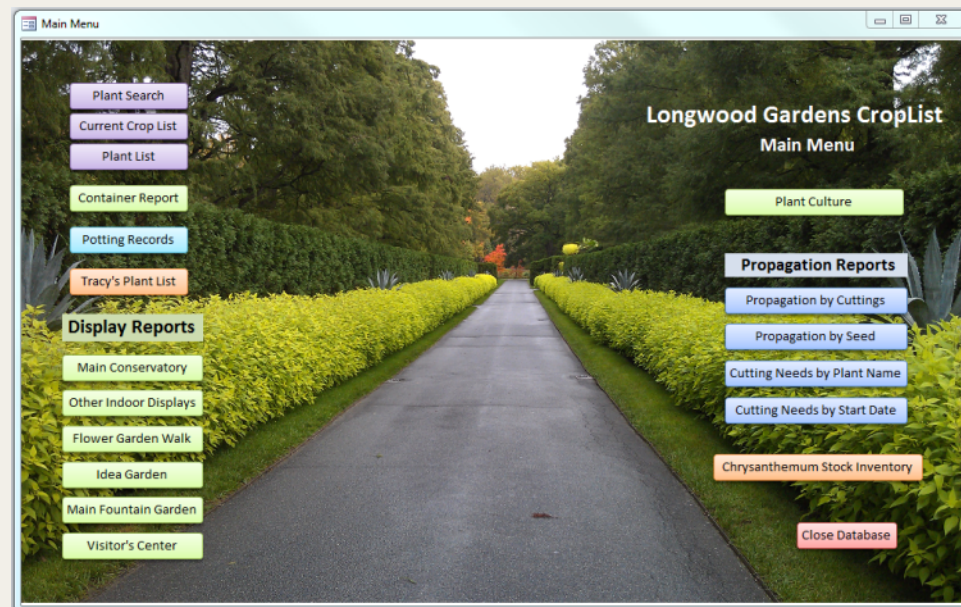
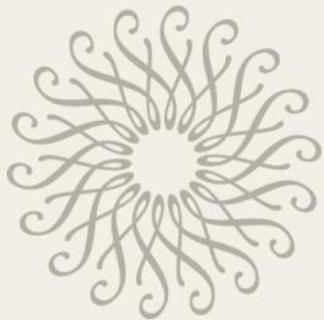








The CropList



	Oct. 15		Mum
	Back Bedding		
✓	DATE	QUANTITY	
✓	Jan. 9	80	<i>Plectranth</i>
✓	Feb. 13	80	
✓	Mar 20	50	<i>Campanula 'Cha</i>
✓	April 10	50	<i>Campanula 'Cha</i>
✓	April 15	60	<i>Argyranthemum</i>
✓	July 1	125	<i>Curcun</i>
✓	Sept. 15	100	<i>Pachys</i>
	Oct		(

Display G23

Display Dates 4/1/2017 to 5/1/2017

Export to excel

Export to PDF

Print Report

Return to Display Menu

Return to Main Menu

WALK	DISPLAY DATE	Plant	Buy In	QTY CONT	CONT SIZE	FINISH HT	FINISH WD	SOURCE	PLANT TYPE	COMMENT
Baskets										
	04/01/17	Jasminum polyanthum	<input type="checkbox"/>	4	16 in. basket			Longwood	Basket	Side hook basket, cool baskets at Nursery until well budded, display date is flexible
	05/01/17	Begonia 'unknown cultivar' Whopper Rose with Green Leaf	<input type="checkbox"/>	4	16 in. basket			Ball Horticulture	Basket	Side Hook Baskets, plug delivery delayed 2 weeks
	05/01/17	Fuchsia x hybrida 'Lord Beaconsfield'	<input type="checkbox"/>	23	18 in. basket			Longwood	Basket	Walkway Baskets, Grow all as 1 year baskets, use stainless steel baskets
			Baskets	Total	31					
CW										
	05/01/17	Aglaonema 'Osaka'	<input checked="" type="checkbox"/>	40	8 in. az.			Morning Dew Nursery		CW
	05/01/17	Anisodonteia capensis	<input type="checkbox"/>	4	14 in. sq. pot	1' stem	18"	Longwood	Standard	CW, StandardStandard, 4' from top of pot to top of plant
	05/01/17	Anisodonteia capensis	<input type="checkbox"/>	4	14 in. sq. pot	3' stem	18"	Longwood	Standard	CW, StandardStandard, 2' from top of pot to top of plant
	05/01/17	Anisodonteia capensis	<input type="checkbox"/>	4	14 in. sq. pot	5' stem	18"	Longwood	Standard	CW, StandardStandard, 6' from top of pot to top of plant
			CW	Total	52					
CW Spurs										
	04/15/17	Lavatera trimestris 'Twins Hot Pink'	<input type="checkbox"/>	50	R66 rd.			Ball Horticulture		purchase 200 or larger plugs
			CW Spurs	Total	50					
E Ex.										
	04/01/17	Delphinium elatum 'Blue Jay' (Pacific Giant Group)	<input type="checkbox"/>	95	R88 rd.	36"	15"	Gro N Sell		E Ex., Blue flower, order 125 cell plug tray
	05/01/17	Guzmania 'Marcella'	<input checked="" type="checkbox"/>	175	6 in. az.			Morning Dew Nursery		E Ex., Florida Truck, request 1/2 color, sub for 'Audrey'
			E Ex.	Total	270					
E walk										
	04/10/17	Campanula medium 'Champion Pro Lavender'	<input type="checkbox"/>	50	R88 rd.	24-30"	14"	Ball Horticulture		E walk, 1st succession, Start lights 1/16/17, need 12 weeks from start of long days to flower

Trial

11/20/17	Euphorbia leucocephala	<input type="checkbox"/>	10	R89 rd.	30-36"	18-20"	Longwood	Trial growing in mum field for summer, move to G33 by mid September, pinch no more than 2 times, need tall plants, try a few pots using 5 gallon containers
11/20/17	Kalanchoe bracteata Silver Spoon	<input type="checkbox"/>	10	R66 rd.			Morning Dew Nursery	
		Trial	Total	20				

Urns & Squares

11/20/17	Cissus alata syn. rhombifolia	<input checked="" type="checkbox"/>	30	6 in. az.		Morning Dew Nursery		Urns
11/20/17	Eugenia myrtifolia	<input checked="" type="checkbox"/>	4	15 gallon/ 17 in.	6-8'	Morning Dew Nursery	Topiary	Urns, Florida Truck, two ball standard
11/20/17	Eugenia myrtifolia	<input checked="" type="checkbox"/>	2	15 gallon/ 17 in.	6-8'	Morning Dew Nursery	Topiary	Urns, Florida Truck, one ball standard
11/20/17	Phalaenopsis White	<input checked="" type="checkbox"/>	50	4 in. az.	6-12"	Matsui Nursery		Urns, Need double spike
01/08/18	Cymbidium Yellow	<input checked="" type="checkbox"/>	80	8 in. az.		Matsui Nursery		Urns, color may change
	Urns & Squares	Total	166					

W Ex.

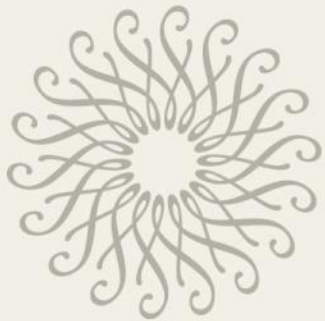
11/20/17	Dieffenbachia seguine 'Tropic Snow'	<input checked="" type="checkbox"/>	45	3 gallon/ 10in.	24"	Morning Dew Nursery	W Ex. need plants with 3 plants per pot
11/20/17	Euphorbia leucocephala	<input type="checkbox"/>	40	R88 rd.	24-30"	18-20"	Longwood W Ex.
11/20/17	Euphorbia pulcherrima 'Max White' Princettia	<input type="checkbox"/>	200	R66 rd.	12-15"	Ball Horticulture	W Ex.
11/20/17	Hippeastrum 'Olaf'	<input type="checkbox"/>	80	R66 rd.		Berbee	1st succession, W Ex.
11/20/17	Nephrolepis exaltata 'Jester's Crown'	<input checked="" type="checkbox"/>	150	6 in. az.	8-10"	Central Florida Ferns	W Ex.
12/11/17	Hippeastrum 'Olaf'	<input type="checkbox"/>	80	R66 rd.		Berbee	2nd succession, W Ex.
01/01/18	Hippeastrum 'Olaf'	<input type="checkbox"/>	80	R66 rd.		Berbee	3rd succession, W Ex.
01/08/18	Primula obconica 'Libre Rose Picotee'	<input checked="" type="checkbox"/>	280	6 in. az.	8-10"	10-12"	United Floral NE walk
	W Ex. Total		955				

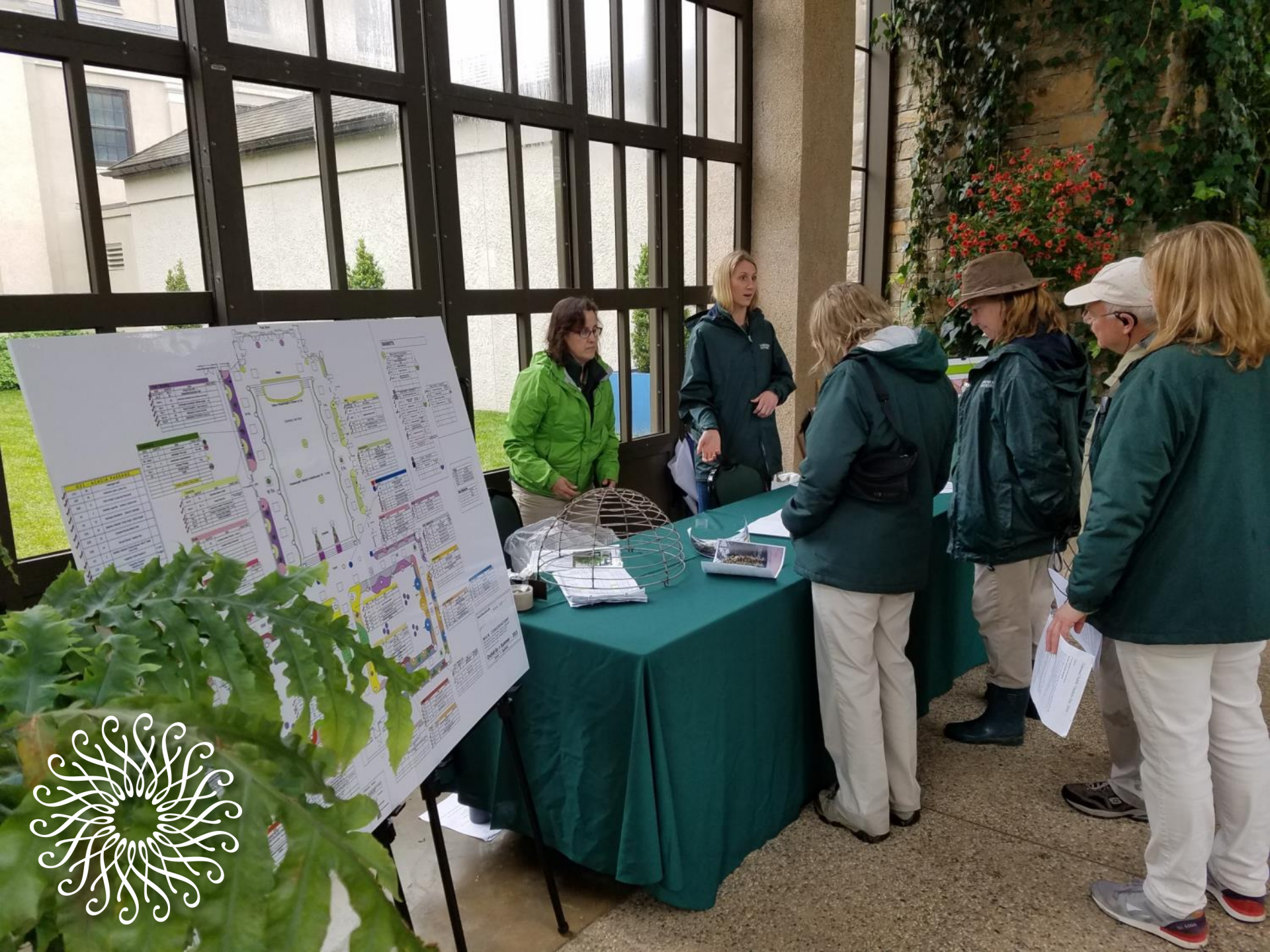
W walk

11/20/17	Euphorbia fulgens 'Quicksilver'	<input type="checkbox"/>	40	R88 rd.	20-24"	Longwood		W walk
11/20/17	Euphorbia pulcherrima 'Envy'	<input type="checkbox"/>	185	R66 rd.	12-15"	Ball Horticulture		W walk
11/20/17	Euphorbia pulcherrima 'Unknown cultivar' Santa Claus Red	<input type="checkbox"/>	6	P99 sq.	4.5-5'	Longwood	Standard	W walk, trained as 4.5-5" standards
11/20/17	Nephrolepis exaltata 'Jester's Crown'	<input checked="" type="checkbox"/>	250	6 in. az.	8-10"	Central Florida		W walk



Guest Engagement











tiana
nily

HONOLULU
Hermannia phil
Mallow Family
South Africa

**BRONZE-LEAVED
GLORYBOWER**
Clerodendrum quadriloculare
Verbena Family
Philippines

BLUE COLEUS
Plectranthus thyrsoideus
Mint Family
C Africa

THROATWORT
Trachelium caeruleum
'Devotion Purple'

tiana
nily

ON
variegatum
mei'

TI-PLANT
Cordyline fruticosa
'Black Magic'

PRIDE-OF-MADEIRA
Echium candicans
'Select Blue'

BIGLEAF HYDRANGEA
Hydrangea macrophylla
'Ayesha'

CANTERBURY-BELLS
Campanula medium
'Champion Pro Deep Blue'

ANTHURIUM
Anthurium
'Anthraxiq'
(Rainbow Champion)

EAST
Lilium
'Ne'

R FLOWER
Cleome
'Inncleor'
'Orita Rosalita®)

MINIATURE ROSE
Rosa
(unknown cultivar)

JAPANESE CAMELLIA
Camellia japonica
'Bokuhan'

MONKEY-FLOWER
Mimulus
'Valentine'

CARLET-PLUME
Euphorbia fulgens
'Rosea'

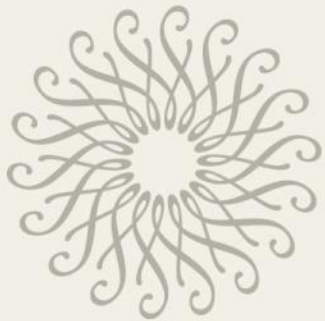
CANNA
Canna
'Toucan Scarlet'

MONKEY-FLOWER
Mimulus
'Valentine'

SCARLET-PLUME
Euphorbia fulgens
'Rosea'

ANE-LIKE BEGONIA
Begonia
'Esseps'

Plant Selection



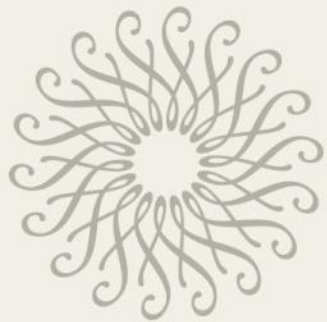








Changing Displays























LONGWOOD
GARDENS