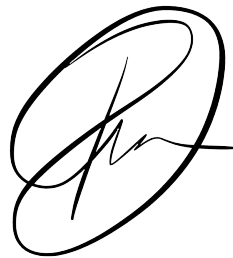
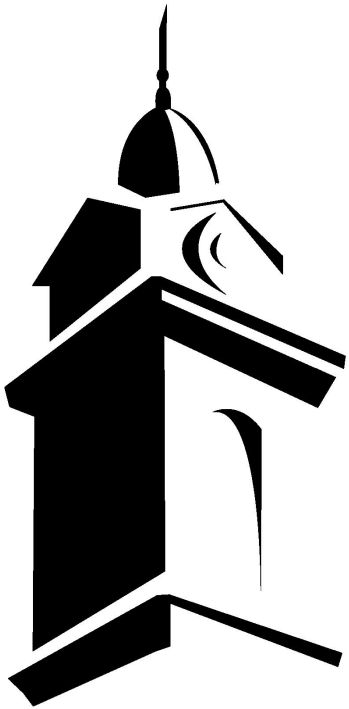


The Fantasticks

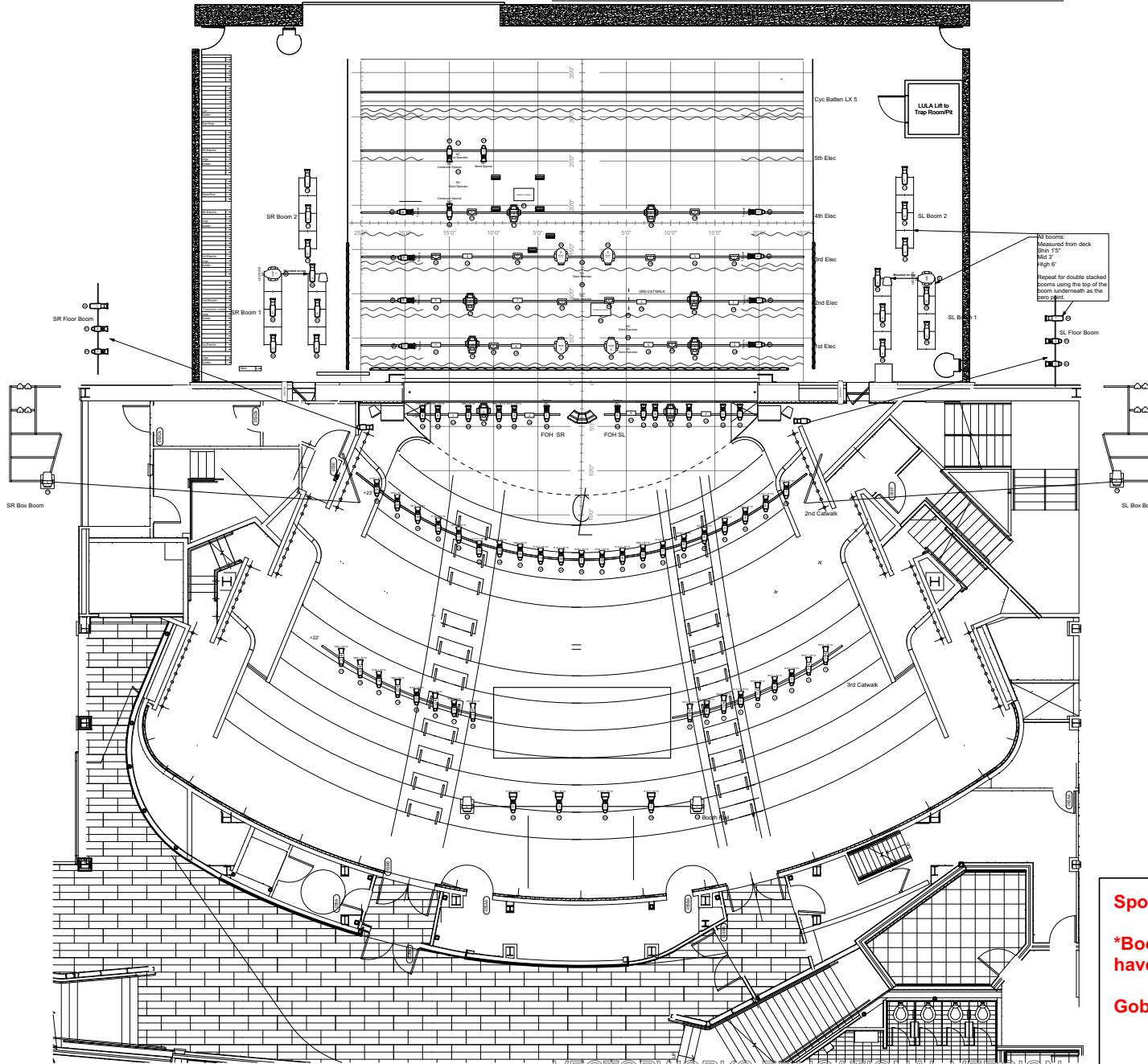
SUNY Oswego Department of Theatre

Drawn by:

A stylized, handwritten signature in black ink, appearing to be 'P. H. S.', enclosed within a circular flourish.

OSWEGO
STATE UNIVERSITY OF NEW YORK

Gobos



NOTES

Spot Colors on Sheet 7

Boom instrument heights have been added

Gobos to be selected from stock

Instruments

- ETC Source 4 PAR MCM (WFL)
- Colorforce 12
- ETC Source-4 10"
- Etc Source 4 14"
- ETC Source-4 19"
- ETC Source 4 26"
- ETC Source-4 50"
- Etc Source 4 LEDLS 36"
- Lycian Midget Follow Spot
- Chroma Q Color Force 72
- SS-Cyc 200

Moving Lights

- Clay Paky Alpha Profile 800 ST
- JBLed A7
- MAC Viper Profile
- SolaFrame 2000
- MAC Viper Wash DX

Fixture



THIS DRAWING CONTAINS VISUAL CONCEPTS AND CONSTRUCTION SUGGESTIONS ONLY

The Designer is not responsible for determining the structural or electrical appropriateness of this design, and will not assume responsibility for improper engineering, construction, handling, or use. All materials and construction must comply with the most stringent applicable Federal and Local Fire, Safety, Energy, and Environmental Codes.

1

OSWEGO
THE UNIVERSITY OF THE STATE

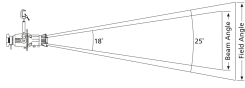
Directed by:
Amy Budd

The Fantastics

Lighting Designer: Patrick Matthei
patrick.matthei@oswego.edu C-478-616-6060
Master Electrician: Greg Brewster
gregory.brewster@oswego.edu C-315-313-2138
Venue Coordinator: Cole Scatnik
cole.scatnik@oswego.edu C-315-313-2132

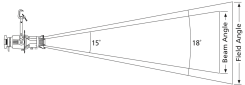
Scale: 3/16" = 1' 0" 04/12/2019 Drawn by: / Rev: 01/1/19

Photometrics



Throw Distance (d)	15'	30'	45'	60'
Field Diameter	6.7'	13.4'	20.1'	26.8'
Illuminance (fc)	783	196	87	49
Illuminance (lux)	8,432	2,108	937	527

To determine center beam illumination in footcandles, at any throw distance, divide candela by the throw distance squared.
For Field diameter at any throw distance, multiply the throw distance by .45.
For Beam diameter at any throw distance, multiply the throw distance by .32.



Throw Distance (d)	25'	40'	55'	70'
Field Diameter	8'	13'	18'	22'
Illuminance (fc)	392	153	81	50
Illuminance (lux)	4,217	1,648	872	538

To determine center beam illumination in footcandles at any throw distance, divide candela by the throw distance squared.
For Field diameter at any throw distance, multiply the throw distance by .32.
For Beam diameter at any throw distance, multiply the throw distance by .25.

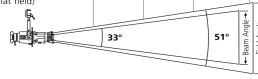
Source Four 26°(cosine)

Degree	Candela	Field Lumens	Beam Lumens	Efficiency	Lumens per watt
26°	176,255	13,690	9,040	62.5%	18.3

Metric Conversions: For meters, multiply feet by .3048
For Lux multiply footcandles by 10.76

50°

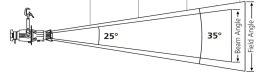
Distance (ft)	10	15	20	25
Field Diameter (ft)	9.5	14.3	19.0	23.8
Illumination (fc)	349	155	87	56



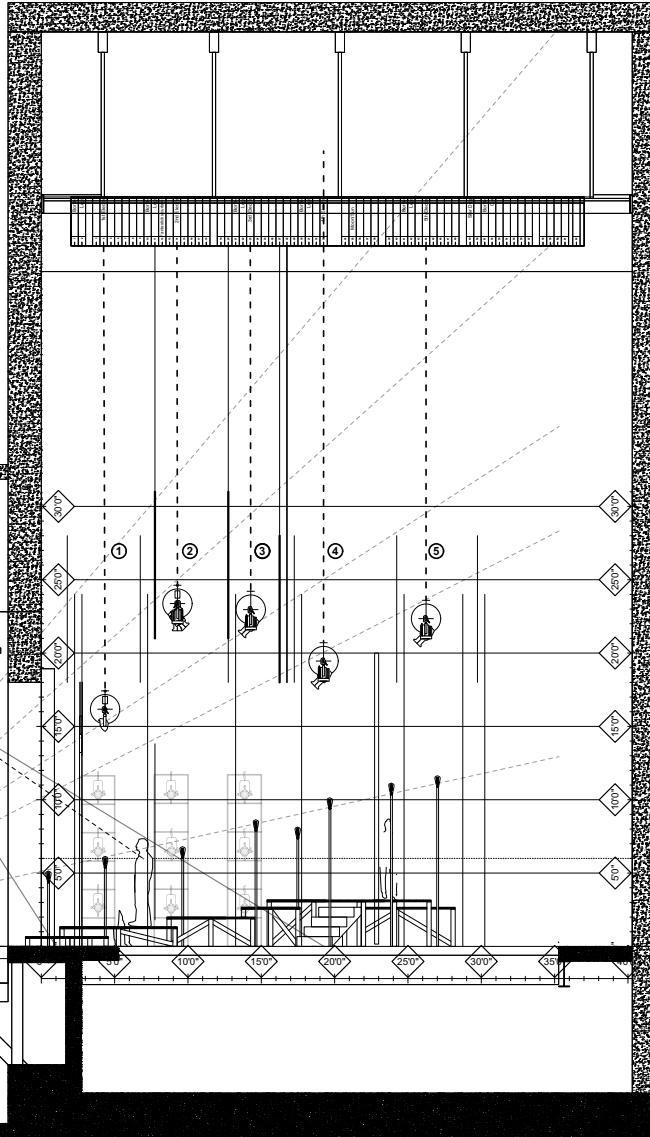
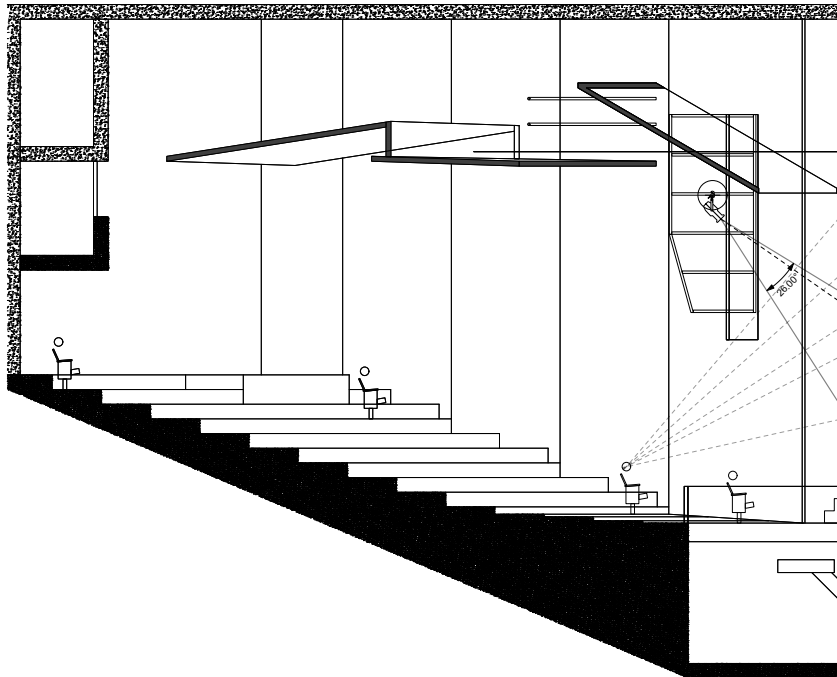
For illumination with any lamp, multiply the candlepower of a beam spread by the multiplying factor (mf) shown for that lamp.
To determine illumination in footcandles or lux at any throw distance, divide candlepower by distance squared.
For Field diameter at any distance, multiply distance by .95
For Beam diameter at any distance, multiply distance by .60

36°

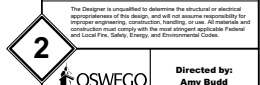
Distance (ft)	25	30	35	40
Field Diameter (ft)	15.8	18.9	22.1	25.2
Illumination (fc)	131	91	67	51



For illumination with any lamp, multiply the candlepower of a beam spread by the multiplying factor (mf) shown for that lamp.
To determine illumination in footcandles or lux at any throw distance, divide candlepower by distance squared.
For Field diameter at any distance, multiply distance by .63
For Beam diameter at any distance, multiply distance by .45



THIS DRAWING CONTAINS VISUAL CONCEPTS AND CONSTRUCTION SUGGESTIONS ONLY

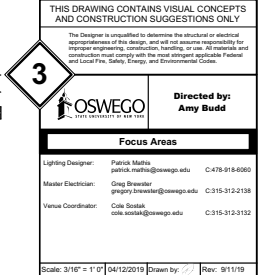


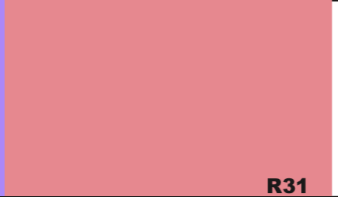
Directed by:
Amy Budd

Waterman Sectional

Lighting Designer:	Patricia Mante	C-478-816-6960
Master Electrician:	Greg Brewster	C-315-312-3138
Venue Coordinator:	Cole Sotak	C-315-312-3132

Scale: 3/16" = 1' 0" 04/22/2019 Drawn by: / / Rev: 01/1/19



		Spot Color			
1	2	3	4	5	6
 R317	 R344	 R52	 R31	 R63	Frost R119

THIS DRAWING CONTAINS VISUAL CONCEPTS
AND CONSTRUCTION SUGGESTIONS ONLY

The Designer is unqualified to determine the structural or electrical appropriateness of this design, and will not assume responsibility for improper engineering, construction, handling, or use. All materials and construction must comply with the most stringent applicable Federal and Local Fire, Safety, Energy, and Environmental Codes.



Directed by:
Amy Budd

Spot Colors

Lighting Designer: Patrick Mathis
patrick.mathis@oswego.edu C:478-918-6060

Master Electrician: Greg Brewster
gregory.brewster@oswego.edu C:315-312-2138

Venue Coordinator: Cole Sostak
cole.sostak@oswego.edu C:315-312-3132

04/12/2019 Drawn by:  Rev: 9/11/19