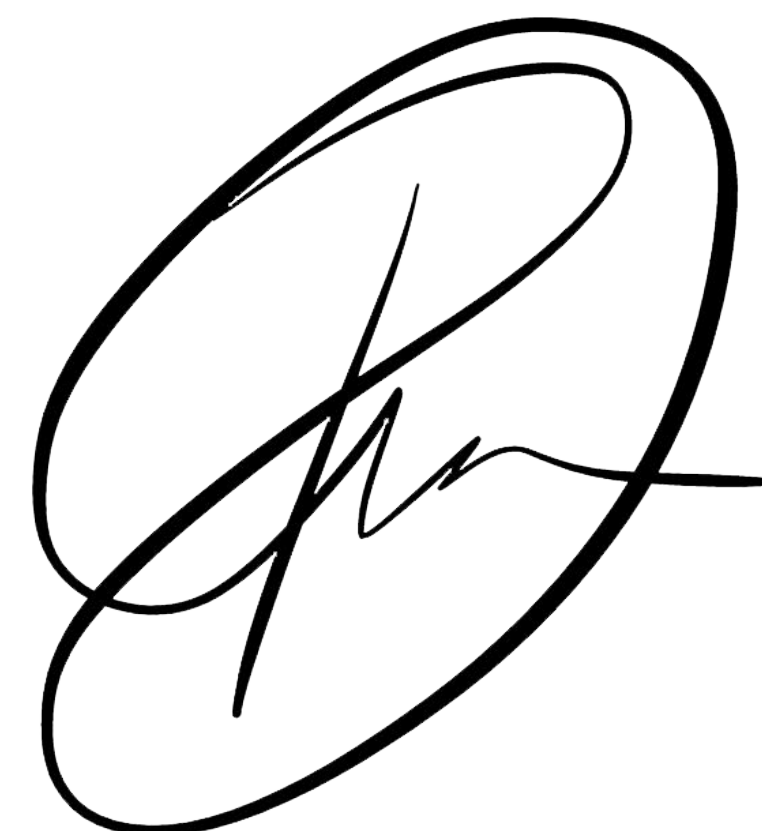
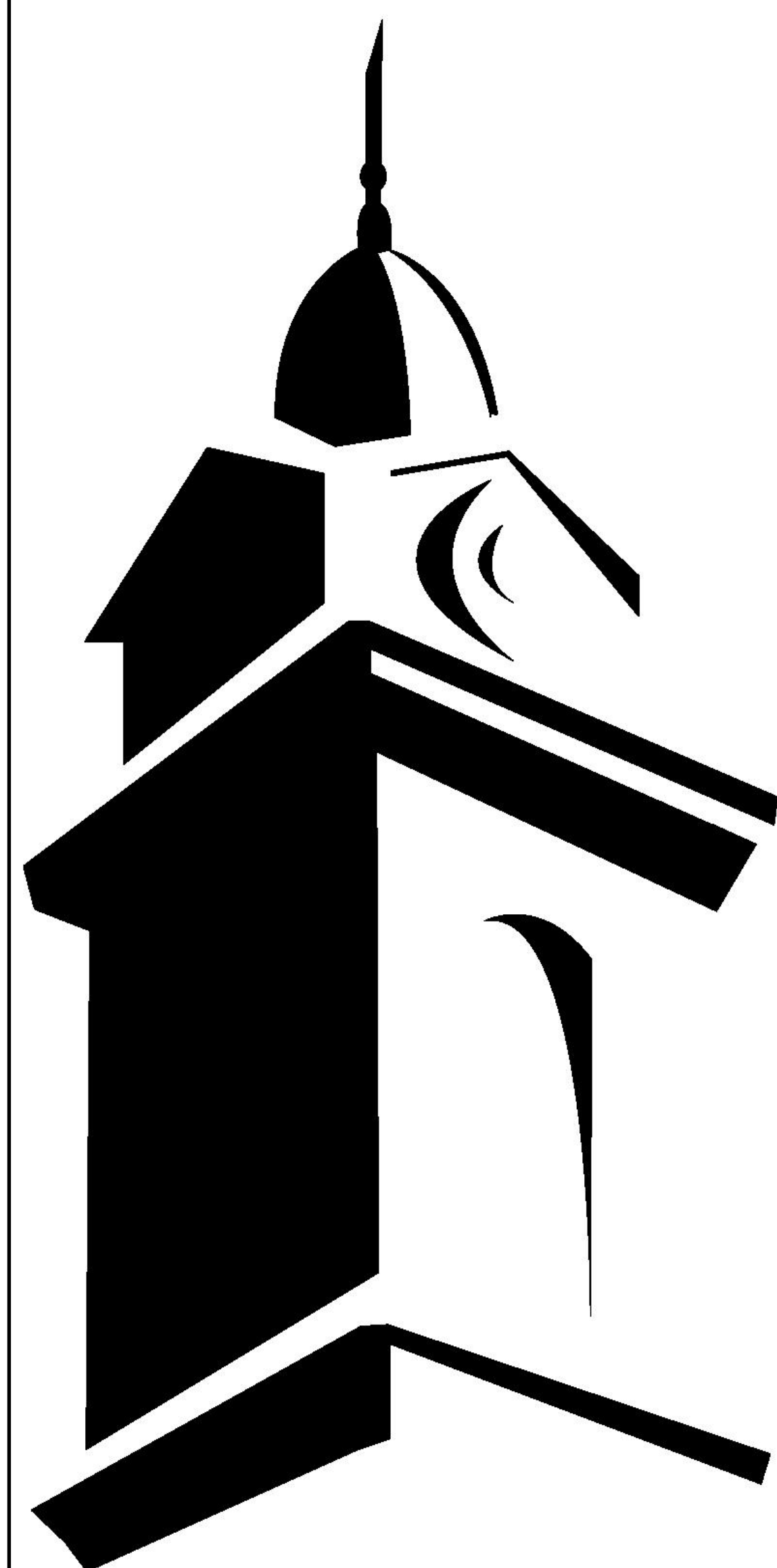


The Shape of Things

Directed by : Mya Brown

Venue: Waterman Theatre

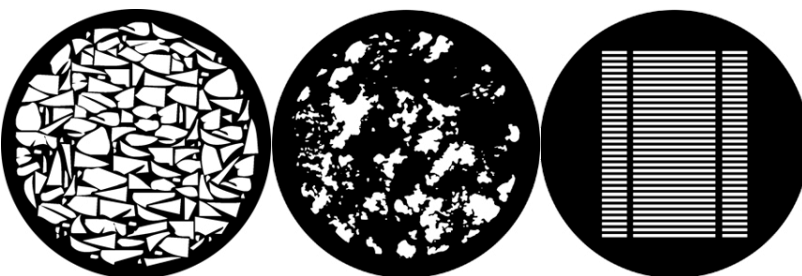
Drawn by:

A stylized, handwritten signature in black ink, enclosed within a large, loopy oval shape.

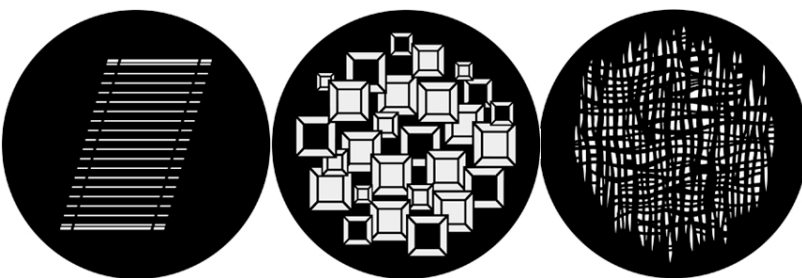
OSWEGO

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Gobos



R76601 R77764 R79312



R77717 R7109 R77564

Accessories

	Forerunner 4	6 / 6
Instruments		
	ETC Source 4 PAR MCM (WFL)	43 / 100
	Colorforce 12	12 / 16
	Etc Source 4 14°	9 / 10
	ETC Source-4 36°	50 / 60
	ETC Source 4 26°	41 / 60
	Etc Source-4 50°	15 / 40
	Etc Source 4 LEDLS 36°	10 / 10
	Lycian Midget Follow Spot	3 / 3
	SS-Cyc 200	5 / 6

Moving Lights

	Clay Paky Alpha Profile 800 ST	6 / 6
	JBLED A7	10 / 10
	MAC Viper Performance	2 / 2
	MAC Viper Profile	2 / 2
	MAC Viper Wash DX	4 / 4
	ETC Revolution	2 / 2
	Elation Platinum Profile 35 Pro	7 / 10

Key



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Director Mya Brown

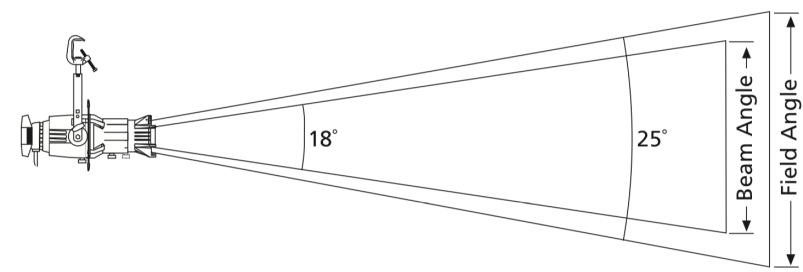
The Shape of Things

Lighting Designer:	Patrick Mathis patrick.mathis@oswego.edu	C:478-918-6060
Electronics Specialist:	Greg Brewster gregory.brewster@oswego.edu	C:315-312-2138
Venue Coordinator:	Cole Sostak cole.sostak@oswego.edu	C:315-312-3132
Master Electrician:	Devin Croad dcroad@oswego.edu	
AME:	Ryan Benson Smith rsmith26@oswego.edu	
Scale: 3/16" = 1'-0" 05/05/2018 Drawn by: [Signature] Rev: 08/31/2018		

NOTES

- Portal Wash Instrumentation is to be added once the set is in place
- Power and data should be prepped on lineset 2 and 28 for horizontal cross shots and if possible down light
- Uplighting of portals to be discussed with Scenic and Director

Photometrics



Throw Distance (d)	15'	30'	45'	60'
	4.6m	9.1m	13.7m	18.1m
Field Diameter	6.7'	13.4'	20.1'	26.8'
	2.0m	4.1m	6.1m	8.2m
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

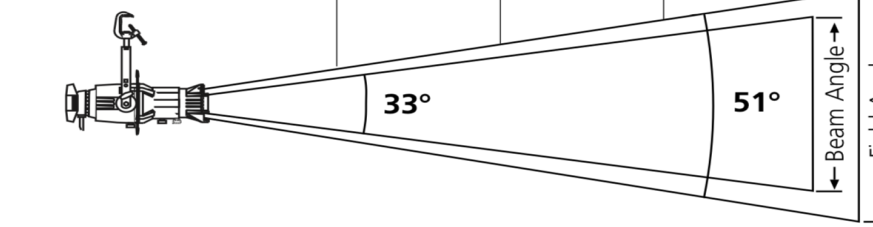
Source Four 26°(cosine)

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.

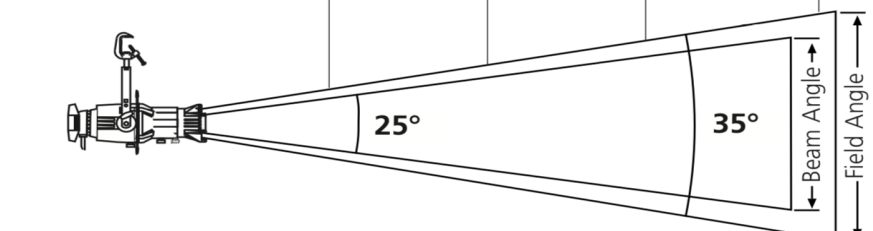
To determine illumination in footcandles or lux at any throw distance, divide candlepower by distance squared.

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

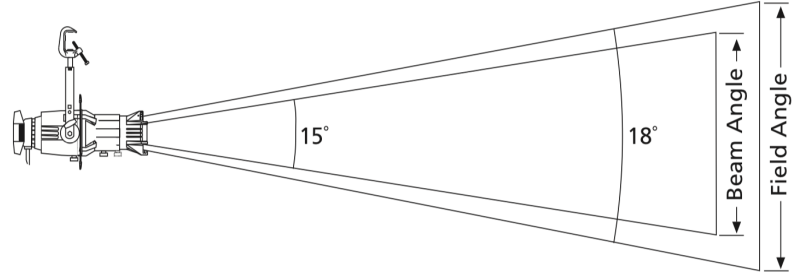


For illumination with any lamp, multiply the candlepower of a beam spread by the multiplying factor (mf) shown for that lamp.

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



Throw Distance (d)	25'	40'	55'	70'
	7.6m	12.2m	16.7m	21.3m
Field Diameter	8'	13'	18'	22'
	2.4m	3.9m	5.4m	6.8m
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.

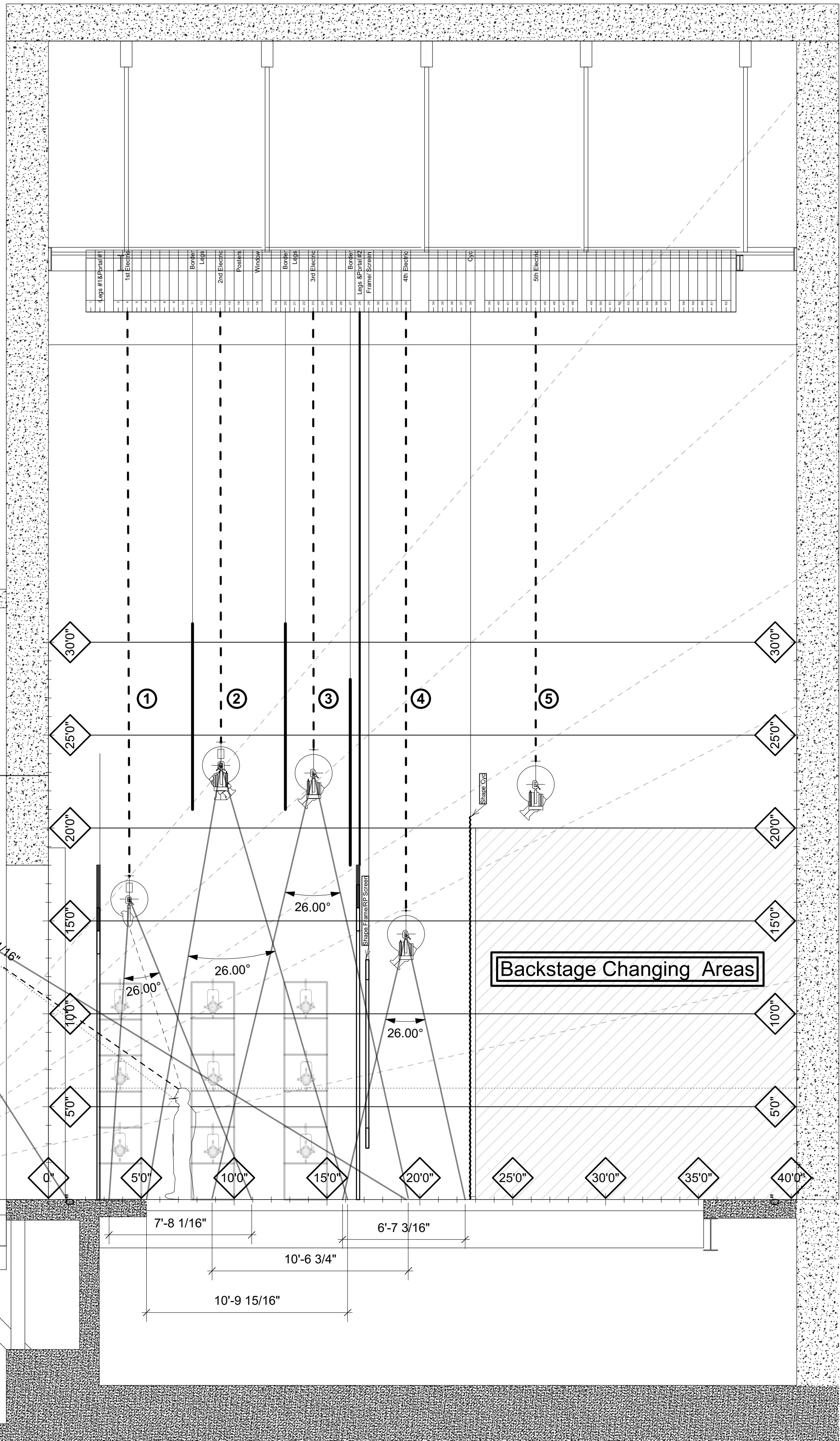
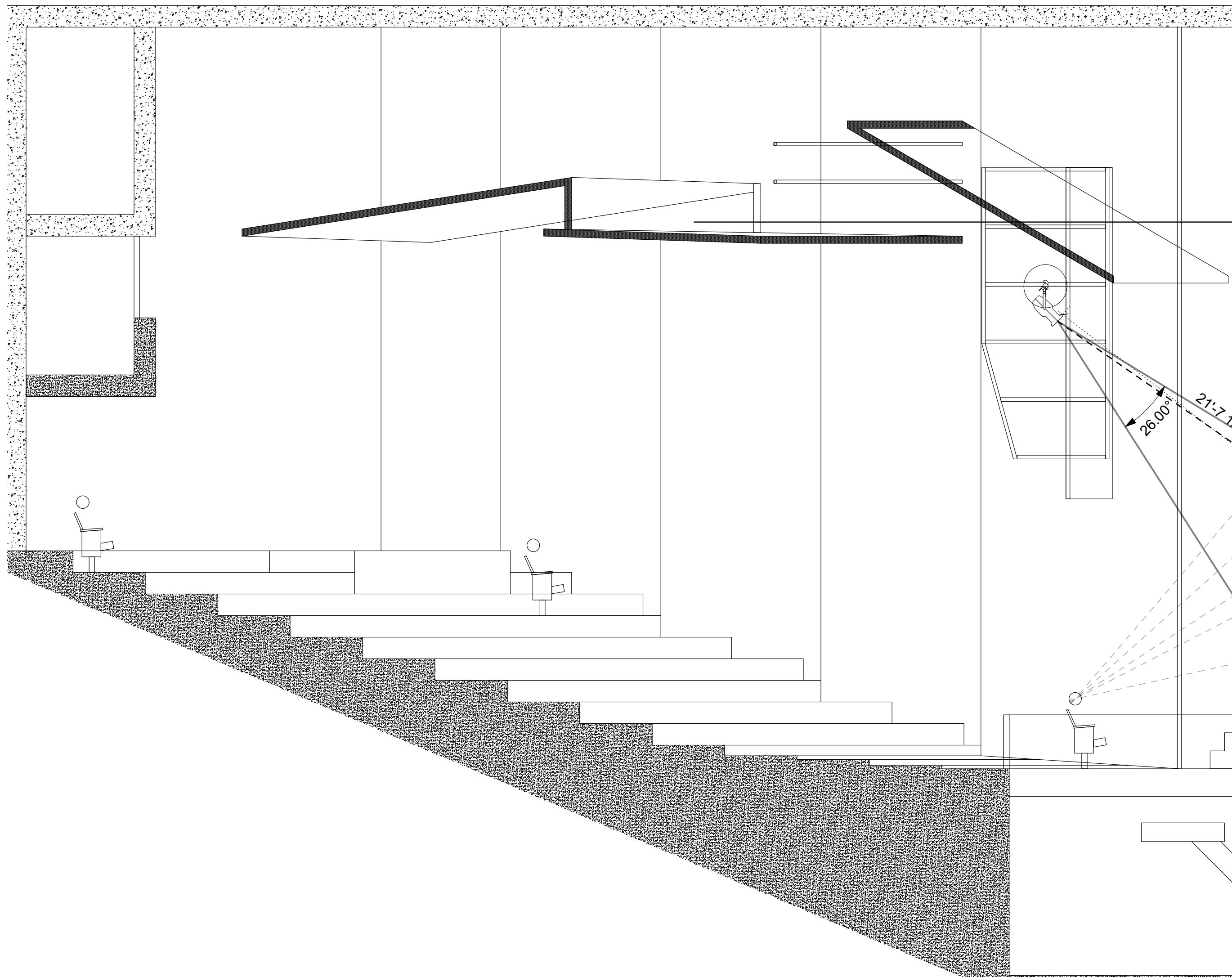
For Field diameter at any throw distance, multiply the throw distance by .32

For Beam diameter at any throw distance, multiply the throw distance by .26

Source Four 19°(cosine)

Degree	Candela	Field Lumens	Beam Lumens	Efficiency	Lumens per watt
19°	243,520	11,180	8,785	51.1%	14.9

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



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2



Director Mya Brown

Waterman Sectional

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

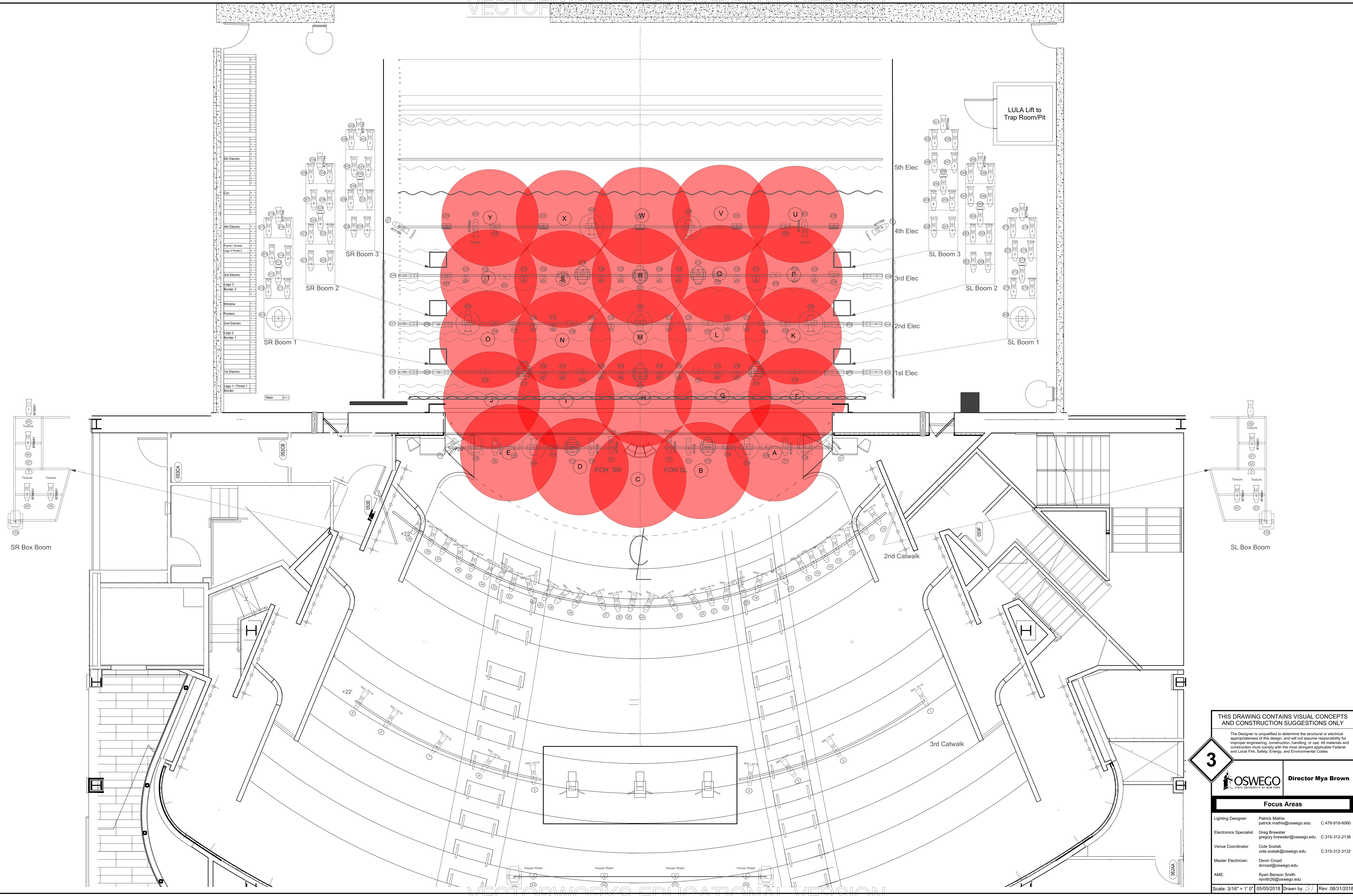
Electronics Specialist: Greg Brewster
gregory.brewster@oswego.edu C:315-312-2138

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

Master Electrician: Devin Croad
dcroad@oswego.edu

AME: Ryan Benson Smith
rsmith26@oswego.edu

Scale: 3/16" = 1' 0" 05/05/2018 Drawn by: JF Rev: 08/31/2018



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3
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Director Mya Brown

Focus Areas			
Lighting Designer:	Patrick Mathis patrick.mathis@oswego.edu	C:478-918-6060	
Electronics Specialist:	Greg Brewster gregory.brewster@oswego.edu	C:315-312-2138	
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