

Technical Information Packet

For:

The Youkey Theater

At:

The RP Funding Center
701 W. Lime Street.
Lakeland, Florida. 33815



Robert Youkey Theater Facts and Figures

Seating:

Orchestra 1274
Balcony 896
Orchestra pit seating at floor level 50

Stage:

Stage floor 78 feet wide By 42 feet Deep 3'6" above first row of seats
Floor– Maple stained mahogany resilient wood
Stage left from Plaster Line 35'10"
Stage Right From Plaster Line 11'8"
Building Wall to Wall 102'7"

Proscenium:

55'6" wide X 25 feet high
Off stage wing space stage left 37' 6"
Off stage wind space stage right 8'x42 '
Apron without pit at stage level 2'9"
Apron with pit at stage level 14'9"

Orchestra pit:

Stage overhang 2'0"

Pit Dimensions

10' feet deep by 10'8" at center x 49'2" Long
Seats 40 Musicians

Fly System:

Locking pin rail located Stage right
Single purchase counterweight system with 52 line sets on 8 inch centers
Full grid above stage 62'4" access via ladder stage right
Maximum trim height of pipes 53'2"
Typical length of battens 62"

Carpentry Specs

House Curtain:

Purple Velour with Traveler and Guillotine

Rigging System

Type: Single Purchase Counterweight.

Weight Available: 12,000 Pounds.

Line sets Available: 46.

Maximum arbor Capacity: 1500.

All Line sets can Be Changed Except #'s 3,5,10,17,27,34.

Line sets # 8,20,49 are equipped with Traveler hardware that cannot be removed.

Orchestra Shell Walls and Clouds Cannot be removed.

Maximum Rigging point From Grid: 1 Ton per point.

Permanent Installations:

Overstage (all dimensions are from the smoke pocket)

Electric pipes: (4) at 3'4", 9'4", 20'8" and 25' 10"

Orchestra shell clouds (3) at 5'4", 14'0" and 23'2"

Orchestra shell Wall at 28'6"

Orchestra Shell sides store against back wall.

Loading dock:

Location: Stage Left Wing

Width/ Height of loading door: 12'X12'

Loading to stage level.

Dock Height: 3'6"

2 Trucks at a time

Dock Measures: 20' Long X11'9" wide

Width of loading dock drive: 21'

Length of loading dock drive: 58'4"

Please note: When parking more than one truck, The right side of the dock must be cleared before doors to accommodate fire egress.

Youkey Theater Rigging Schedule

All Distances are from the Smoke Pocket

<u>Line set #</u>	<u>Us distance from SmokePockett</u>	<u>Description</u>	<u>House Hang use</u>
1	1'4"	General Purpose	1 st Border (10'x60')
2	2'0"	General Purpose	1 st Legs (26'x15')
3	3'4"	1st LX	First Electric
4	4'8"	General Purpose	General Purpose
5	5'4"	Orchestra Cloud	Orchestra Cloud High trim 44 feet 3 inches
6	6'0"	General Purpose	This Pipe Does Not Grid Out Max high Trim 45 feet 7 Inches
7	6'8"	General Purpose	2 nd Border (12'x63')
8	7'4"	Traveler Hardware	2 nd Legs (25½'x25½')
9	8'0"	General Purpose	General Purpose
10	9'4"	2nd LX	2nd Electric
11	10'0"	General Purpose	General Purpose
12	10'8"	General Purpose	General Purpose
13	11'4"	General Purpose	General Purpose
14	12'0"	General Purpose	General Purpose
15	12'8"	General Purpose	General Purpose
16	13'4"	General Purpose	General Purpose
17	14'0"	Orchestra Cloud	Orchestra Cloud High Trim 44 feet 2 Inches
18	14'8"	General Purpose	3 rd Border (12'x63') This Pipe Does Not Grid Out Max high Trim 45 feet 7 Inches
19	15'4"	General Purpose	3 rd Legs (30'x12')
20	16'0"	Traveler Hardware	Traveler Legs/Intermediate (25½'x25½')
21	16'8"	General Purpose	General Purpose
22	17'4"	General Purpose	General Purpose
23	18'0"	General Purpose	Projection Screen
24	18'8"	General Purpose	General Purpose
25	19'4"	General Purpose	General Purpose

<u>Line set #</u>	<u>Us Distance From Smoke Pocket</u>	<u>Description</u>	<u>House Hang Use</u>
26	20'0"	General Purpose	4 th Border (12'x63')
27	20'8"	3rd LX	3rd Electric
28	23'2"	Orchestra Cloud	Orchestra Cloud
29	23'10"	General Purpose	5 th Border (12'x63') This Pipe Does Not Grid Out Max High Trim 45 feet 7 inches
30	24'6"	General Purpose	4 th Legs (30'x12')
31	25'2"	General Purpose	General Purpose
32	25'10"	4th LX	Fourth Electric
33	26'6"	General Purpose	General Purpose
34	28'6"	Shell Wall	Shell wall Cannot be removed High trim 29 feet 5 Inches
35		Removed	Removed
36	29'10"	General Purpose	General Purpose
37	30'6"	General Purpose	General Purpose
38	31'2"	General Purpose	General Purpose
39	31'10"	General Purpose	General Purpose
40	32'6"	General Purpose	General Purpose
41	33'2"	General Purpose	6 th Border (12'x63')
42	33'10"	General Purpose	5 th Legs (30'x12')
43	34'6"	General Purpose	General Purpose
44	35'2"	General Purpose	General Purpose
45	35'10"	General Purpose	General Purpose
46	36'6"	General Purpose	White Scrim Storage
47	37'2"	General Purpose	Cyclorama
48	37'10"	General Purpose	Black Scrim Storage
49	38'6"	Traveler Hardware	Back Black Traveler
50	39'2"	General Purpose	General Purpose
51	39'10"	General Purpose	General Purpose
52	40'6"	General Purpose	General Purpose

Youkey Theatre Lighting inventory

<u>Position</u>	<u>Quantity</u>	<u>Description</u>	<u>Wattage</u>
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Front of house Instruments

Balcony rail	10	26 deg source 4	750
“Cove”	24	14 Deg Source 4	750

Instruments Available for on stage Electrics

32	36 Deg source 4	750
25	26 deg Source 4	750
24	19 Deg Source 4	575
55	Source 4 parnell	750
24	Wide focus pars	1000
24`	Medium Focus pars	1000
24	Narrow Focus Pars	1000
24	Very Narrow Focus Pars	1000
7	4 Cir cyc cells	1000
12	Scoops	750
6	Strand Fesnel 6”	750
12	Altman 8” Fresnel	1000
2	8 lamp Moles	

1 complete 120K package (60 up stage 60 Downstage) in Silver on 6 instrument lamp bars is also Available in addition to the above listed instruments..

Electrical Specs:

Road Show Disconnects	Front of House lighting Circuits
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Panel	Phase	Amps	Voltage	Location	Position	# of Circuits	Distance to stage
A	3	600	120/208	D.S.R. Wall	Balcony Rail	9	68 Feet
B	3	200	120/208	U.S.L Wall	1st Catwalk	24	60 feet

House Lighting Info

Follow Spots : 4 Strong Super trooper 2K in spot booth located at back of balcony, distance from stage is 120' **SPOTS ARE NOT REMOVABLE.**

Lighting Control: ETC Ion 1024 With 80 Handles, ETC Expression 2X (focus Console)

Dimming: 192 ETC Sensor 2K Dimmers

DMX Lighting Transfer Locations: DSR, F.O.H. and Spot Light Booth

F.O.H Lighting cove Hang: 24 Source 4, 19 deg. ERS @ 575 Watts

Balcony rail house hang: 9 ETC Source 4 26 deg ERS @ 575 Watts

Audio Specs:

F.O.H Location: Back of House on the Orchestra level.

Push to front of House: 100 Feet.

Foh Cable run: 250 Feet.

House Tie in upon Request.

Communications:

Intercom: Production Intercom with 2 Channels and 12 Stations.

Hearing Impaired:

Listen Technology FM system. A program Feed from the F.O.H. console is required by Florida law.

Dressing Room Monitors:

In each room with independent volume controls.

FOH monitoring mic Located at house center.

Paging mic Located at Stage Manager's Console Stage Right.

Dressing room monitor tie in available upon request.

Theater Lobby:

Audio: 6 Channels of input independent from the house with Chimes and House sound tie in.

Video: Video Monitoring of performance from "God Cam" or source input available upon Request.

Standard House Audio Specifications:

P.A.:

Stereo Line Array Clusters Consisting of 10 Meyer Melodie Cabinets with 2 Meyer UPJ Down fills per side. There is no Center Audio Cluster.

Subs:

4 Meyer sound HP-600 Located in the center of the proscenium .

Front fills:

8 Meyer Sound MM-4 Loudspeakers installed in the front of the pit wall

Pit fills:

When the orchestra pit is used for audience seating, There is an additional "Pit Fill System" consisting of 5 Eaw JF – 60 Loudspeakers

System Drive:

The speaker system is driven by a Meyer Sound Galileo 616 Audio Processor. The system was installed by Clark pro Media and overseen by Meyer Sound Laboratories

Console:

Midas Verona 360 (House board) Located in Audio booth at back of Balcony.

Dynamics:

2 DBX 160A compressor/ Limiter

Playback:

1 x Panasonic 3800 Dat Player

2 x tascam CD-01U

1X Dennon Dn-770R Dual Cassette Player

Available Microphone Package:

Condenser Microphones

4x Shure Beta 87A
2x Shure KSM-32
1x Shure KSM-137
4x Shure Beta 98a
6x Shure SM-81
1x Shure SM-91
1x Shure Beta 91
2x Shure Beta 91a
3X Shure SM-27
5x AKG C460
1x AKG C414
5x Crown PCC-160
4x Audio Technica AT-857
2x Audio Technica Ae-3000
1x Audio Technica Ae-2035
2X DPA 4061
1X DPA 4060
1x DPA-4066
3X Countryman B-3
2X Countryman E-6

Dynamic Microphones

13x Shure SM-58
10x Shure sm-57
8x Shure Beta 58
5x Shure Beta 57
2x Shure Beta 56
2x Shure Beta 52A
1x AKG D-112
1x Shure 520 DX
6x Sennheiser MD-421
4x Sennheiser E904
1x Sennheiser E902
1x Sennheiser E905
3x Sennheiser E906
6x Sennheiser E-604
3x Sennheiser E609
2x Audix OM-7
1x Audix D-6
4x Audix D-2
2x Audix D-4
2 x Audix i5
1x Electrovoice RE-20

Wireless Microphones

4x ULXP Recievers with WRS 804 Distrobution
6x SLX Recievers with 1/2 wave Antennas J3 Band
4 ULX-2 Handheld Transmitters
2 ULX-1 Beltpack Transmitter
4 SLX Hand Held Transmitter
4 SLX-1 Beltpack Transmitters
All Handheld Transmitters have SM-58 Caps

Additional Cap Choices

4x Beta 58
4x Beta 87A
1x Beta 54 (Headset Mic)

Direct Input

7x Countrymen Type 85 Active Di
10x Whirlwind Director Passive D.I.
4x Whirlwind PC-DI Passive D.I.
2x Whirlind Quad DI (4 Ch Passive)

Live Mix Audio Package

Console:

Yamaha QL-5 Audio Mixing Console with 48 mono inputs

Available outboard Dynamics:

2x DBX 1066 Compressor/Limiter/Gate

4x DBX 1046 Compressor/limiter

2X Drawmer MX-40 Noise Gates

Effects:

3 TC Electronics M300 Reverb units

1 Lexicon Effects Processor

1 Yamaha SPX-2000 Audio Processor

1 TC Electronics D-Two Digital Delay unit

EQ:

2x DBX IEQ-31 Graphic Equalizers

1x Klark teknik DM-300 Graphic Equalizers

Delay:

2x Yamaha D1030 Delay Units

F.O.H. Snake:

House Audio Snake is installed Dante Audio Network.

Whirlwind 56 Ch Transformer split with 2 Iso out and 12 channel Drive Snake.

Additional Concert Sub Options:

6 Meyer sound 700 HP ground stacked in 2 Cardioid Arrays, Left and right and are fed with a mono Feed

Live Mix Monitor Package

Console:

1 Behringer X-32 with Dante Expansion Card.

Floor Monitors:

16 Meyer Sound UM-1P Self Powered Stage Monitors

10 Electro-voice DML-1152 Deltamax Slant Wedges With 15' Low and 2" High

Side and Drum fill Monitors:

2 Meyer Sound MTS 4A Extended Range Loud speakers

2 EAW KF300isr 2 Way Cabinets on Stands

2 OAP Subwoofers with 15" Low Drivers

Side fills are processed with an EAW MX-300i Processor

Monitor Amps:

13 Crown Macro TEC 24X6

2 Crown Com Tec 1610 (SUBS)

Monitor EQ:

4X Ashley GX231 31 Band Graphic Equalizers

6X DBX 1231 31 Band Graphic Equalizers

Monitor Dynamics:

1 X Presonus ACP-88 Compressor/Limiter/Gate

Onstage:

3x 50' 12 Channel Whirlwind Sub-snakes

2x 100' 12 Channel Whirlwind Sub-snakes

2 x 50' 6 Channel Ropeco Sub-snakes

1 x Whirlwind Drum Drop with W-1 Disconnect

1 x 30' Whirlwind Multi 12 Keyboard drop with 8 D.I and 4 XLR lines.

Full compliment of K&M Tripod Mic-Stands with Booms

Full Compliment of Atlas Straight Mic-Stands

Stage Power:

Stage Power Distribution is by Whirlwind Power Link

1 Whirlwind 3 phase Power Distro W/ Meter Bridge (specs avail upon Request)

12 Whirlwind PL-420 Quad Power bricks

Wardrobe Specs

Wardrobe Area: Located in backstage Hallway on stage right side.

Facilities:

- 1 Washer and dryer.
- 1 Free arm sewing machine.
- 2 Steamer.
- 2 iron and ironing boards.
- 8 Rolling Wardrobe Racks.

Dressing rooms:

Artists Dressing Rooms: (4) 19'7"x14'10"

Artist Dressing rooms each contain private bath with shower ,1 Sink and 2 makeup mirrors with lights.

Chorus Rooms (2) 19'9" x 33'8"

Chorus rooms are equipped with 3 showers 6 sinks and 17 makeup mirrors with lights.

Green Room: 20'8" x 19' 10"

Furnished with leather couches chairs and cocktail tables. Catering is served from this location.

Stage Mangers Office: Located Stage left next to loading door 8'11" X 15' 10"
Includes desk and counter space.

All Dressing rooms listed above include Production Monitoring system and available phone and High speed internet access.

The Youkey Theater At the RP Funding Center, Lakeland Florida

Main Address:
The Lakeland Center
701 West Lime Street
Lakeland Florida. 33815

Main Telephone: 863.834.8100
Main Fax: 863.834.8101
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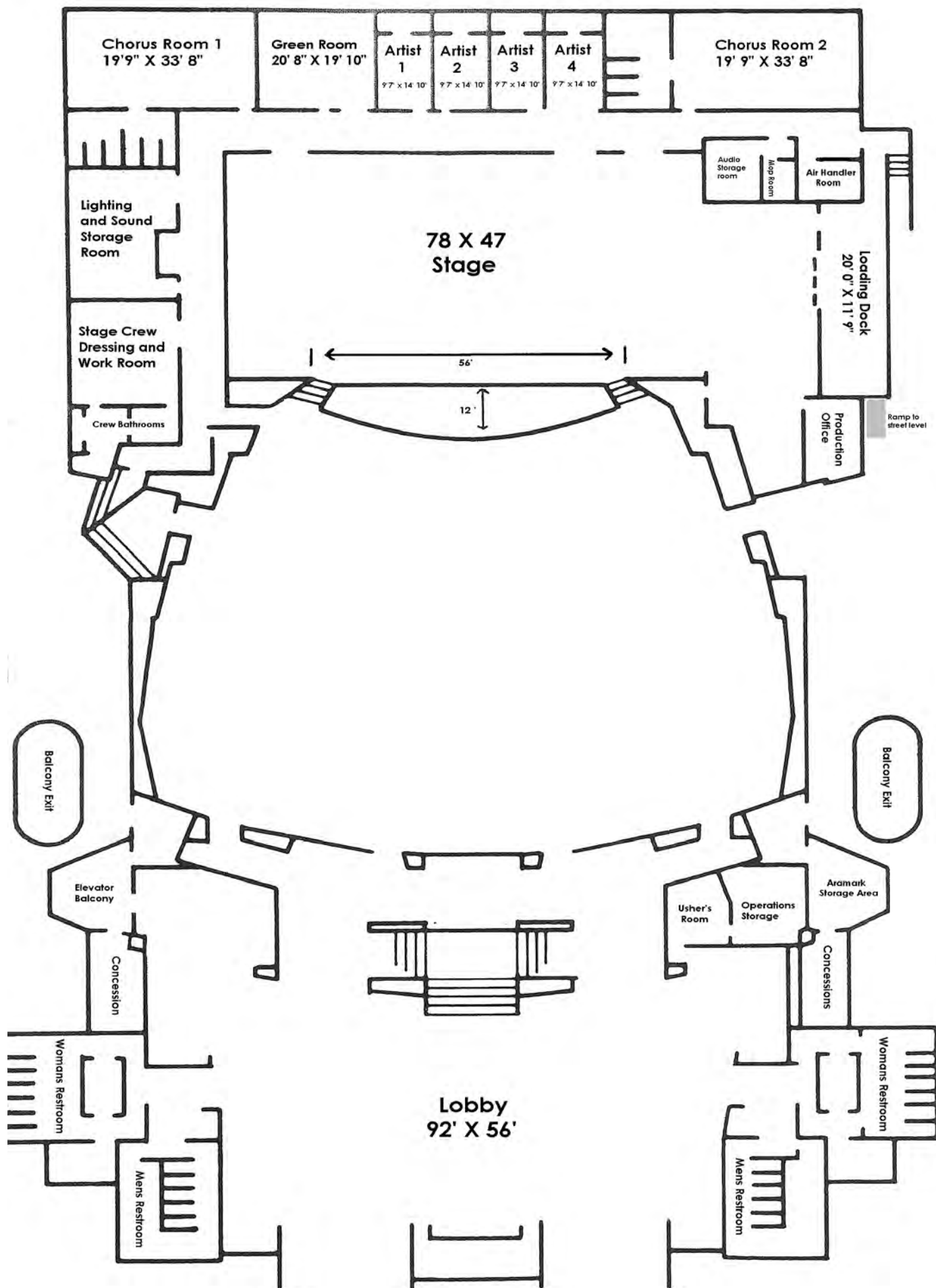
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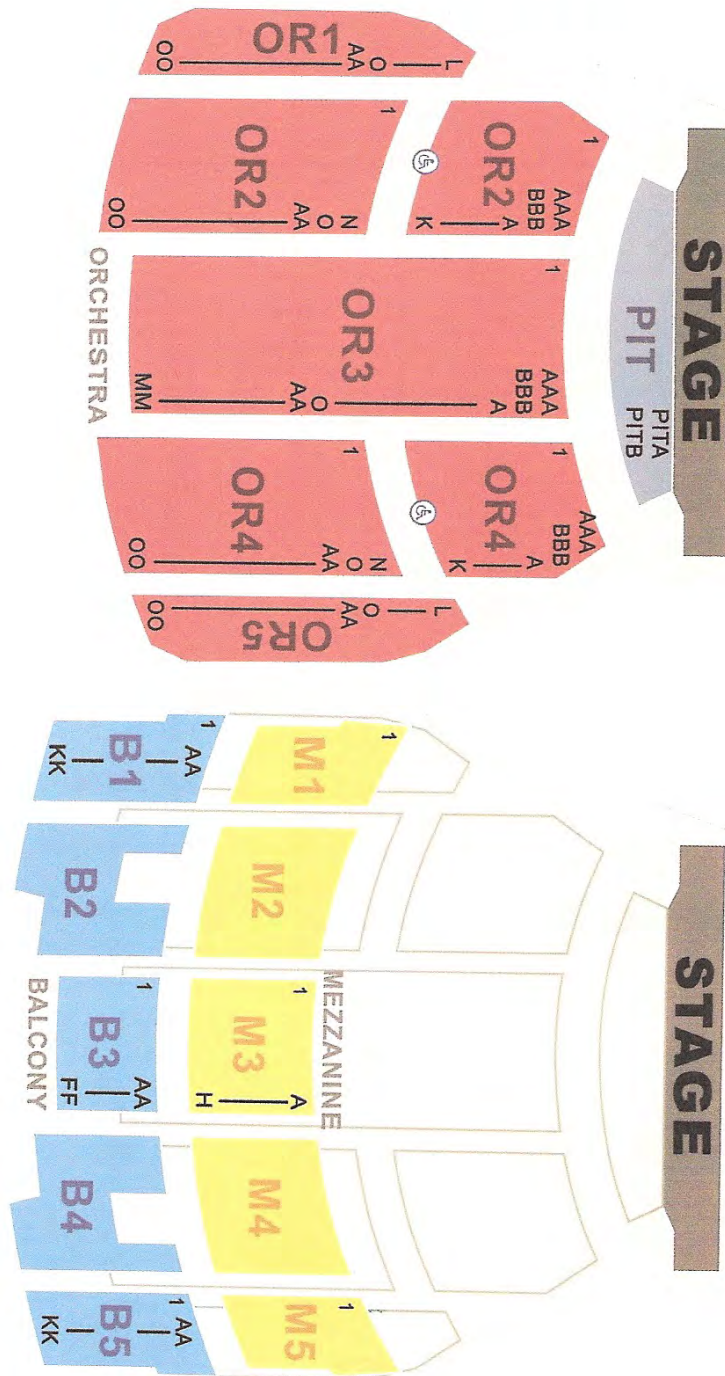
Kate Hayman
Theatre Production Assistant
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Box office **Tickets.com Location:**

Jennifer Clark
Box Office Manager
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Fax: 863.834.8125
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YOUKEY THEATRE



SEATING	
Pit	= 50
Orchestra	= 1,350
Mezzanine	= 454
Balcony	= 442
Total Seating Capacity	2,296

Ⓢ Accessible

Transportation Arrival and Parking Packet

For:

The Youkey Theater

At:

The RP Funding Center

701 W. Lime Street.
Lakeland, Florida. 33815



Directions To The RP Funding Center

From Orlando

- 1) Head Eastbound on I-4
- 2) Take exit 31 and Head south (Turn Right) onto Kathleen Blvd/539
- 3) At Jenkins Blvd Kathleen will turn into Sikes BLVD/ 563 Continue straight on
- 4) Turn Right On to Lime Street
- 5) Turn right in to Gate #3
- 6) Proceed towards the Circle Drive / Flag poles.
- 7) The Loading Dock is on the Right.

From Tampa

- 1) Head Westbound on I-4
- 2) Take exit 31 and Head south (Turn Left) onto Kathleen Blvd/539
- 3) At Jenkins Blvd Kathleen will turn into Sikes BLVD/ 563 Continue straight on
- 4) Turn Right On to Lime Street
- 5) Turn right in to Gate #3
- 6) Proceed towards the Circle Drive / Flag poles.
- 7) The Loading Dock is on the Right.

Truck parking Instructions

Your First Truck is welcome to back into the Loading Dock upon its arrival. (see fig. 1)
Please pre-stage your remaining trailers on the passenger side of the drive way before you enter the circle drive (see fig 2)
One Truck will be allowed to stay on the left side of the dock for duration of your time here
When Parking single trailers please stay off of the No parking lines in the dock. That side of the dock needs to stay clear as part of fire egress from the building. (see fig 3.)
Empty Trailers will store across the street please see the house man for instructions.

Please note that when moving around the circle drive, a curb shot will damage irrigation that is just on the other side of the curb in the center of the roundabout. (see Fig 4)

Bus Parking instructions

Please park the bus on the passenger side of drive closest to the main building (see Fig 5)
Please park so that the end of the Bus (Front or rear) is off of the circle drive and behind the black Delineators. The circle drive is closed off for doors. (see fig 6)
Shore Power is located on the corner of the building right where you have just parked.

Building Overview



Fig. 1 Left side of dock clear for fire egress, If two trucks at a time are necessary Please see the house man for instructions



Fig. 2 Pre-stage trucks here.



Fig. 3 Fire egress requirement



Fig. 4 NO CURB SHOT PLEASE



Fig. 5 Park Busses Here



Fig. 6 Park on this side so that we can close circle before doors

