

# KENTUCKY CENTER

## ROBERT S. WHITNEY HALL TECHNICAL SPECIFICATIONS

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### THEATER LOCATION

501 West Main Street, Louisville, KY 40202

### MAIN ADMINISTRATION

Phone 502-566-5100 Fax 502-566-7205

### CENTER STAFF

President: **Kim Baker** 502-566-5112

Facility Rental: **Rachel Cummings** 502-566-5142

Facilities: **Eric Spears** 502-566-5220

Front of House: **Chris Kaelin** 502-566-5165

Ticketing Director: **Curtis Schneider** 502-566-5119

Access Services: **Stacy Ridgway** 502-566-5211

### THEATER STAFF

Production Services: **Peter Bell** 502-566-5131

Technical Director: **David Doukas** 502-566-5105

Master Electrician: **Terry Schwartz** 502-566-5135

Head Audio: **Cory Lambert** 502-566-5115

Production Department Fax 502-566-7131

### UNION CONTACTS

IATSE Local 17: **Matthew Dicken**, Business Agent 502-587-7936

TWU Local 897: **Melissa Gagliardi**, Business Agent 502-645-4682

Musicians: **Nancy Harris** 502-267-0148

### SEATING CAPACITY

Orchestra: 1331

Grand Tier: 475

Grand Tier Boxes: 72

Balcony: 447

Balcony Boxes: 52

Pit Rows (optional): 71

**Total: 2377**



Charges for technical equipment to be determined by lease agreement.  
Any costs incurred due to outside rentals are subject to a 10% administrative fee.

**STAGE HOUSE****FLY SYSTEM:****House Curtain:**

- \* Operates as guillotine only from SR fly floor
- \* Requires two flyman

**Rigging System:**

- \* 99 total line sets on 6" centers
- \* 82 manual and 17 electric line shaft
- \* 9 lift lines per pipe

**Type: single purchase counterweight T-rail**

- \* Weight: 40,000+ lbs available
- \* Arbors: 1850 lbs maximum
- \* House Pipes: 84' long and are capable of clearing 76' from the stage
- \* Line sets are not moveable but can be diverted
- \* Spot Blocks: 30 available
- \* Lift line: 5,000+ feet available

**Type: electric line shaft**

- \* Lift capacity: 3000 lbs
- \* Cannot be diverted
- \* Can be controlled from SL, SR and SR Fly Rail

**PERMENANT INSTALLATIONS****Over Stage:**

- \* Orchestra clouds (4) at 9' 6", 19' 6", 29' 0", 39' 0"
- \* Electric raceways (7) at 3' 0", 13' 0", 23' 0", 30' 0", 33' 0", 43' 0", 50' 0"
- \* Electric border lights (5) at 4' 6", 14' 6", 24' 6", 34' 6", 44' 6"

**Onstage:**

- \* None
- \* Small onstage crossover is available US of last line set

**STORAGE SPACE:** Various sizes and locations**REHEARSAL SPACE:** Various sizes located front of house**BACKSTAGE****ORCHESTRA PIT**

- \* Pit lift is in two sections-see drawing for dimensions
- \* Adjustable to 12' below stage by mechanical lift
- \* Apron overhangs US wall of pit 11'

**LOADING DOCK**

- \* Loading door: 12' 8" High x 15' 10" Wide
- \* Trucks: 2 @ 53' will fit side by side, however the second truck is hard to maneuver. It is often more efficient to dock one truck at a time
- \* Loading Dock: Door is at truck level, truck slopes away from dock
- \* No forklift is required
- \* Only one trailer may store onsite
- \* 1 ton stacking motor USL near dock door
- \* Security: 24/7 security at Stage Door opposite loading dock

**WARDROBE**

- \* Location: SR off Dressing Room Corridor at stage level
- \* Access: Direct from stage
- \* Facilities: 3 Washers and 3 Dryers with additional hookups available
- \* Approximately 700 sq. feet of clear floor space
- \* Racks: 10 rolling racks @ 6' each

**DRESSING ROOMS**

All Dressing Rooms Stage Right

- \* Star Dressing Rooms: (5) each with sink, toilet, shower. 1 person
- \* Small Rooms: (4) each with sink, toilet, shower 2 people
- \* Chorus Rooms: (4) each with sinks, toilets, showers. 20 people

Also available are two locker rooms at Pit level often used for musicians. Sinks, toilets and showers included but no counter space.



**ELECTRICS**

**Road Service Power (Company Switch): All panels are fuse protected per phase**

Panel	Phase	Amps	Typical Use	Location
A	3	600	Dimmers	USR Back Wall
B	3	600	Dimmers	USR Back Wall
C	3	600	Dimmers	DSL wing wall
D	3	600	Dimmers	DSL wing wall
E	3	100	Audio (isolated ground)	DSL wing wall
Dock A	3	200	Bus Shore Power	Loading Dock
Dock B	3	200	Bus Shore Power	Loading Dock
FOH Grid	3	100	Company Rigging	FOH Grid House Left
Stage Grid	3	100	Company Rigging	Stage Grid USC

Recommended location of dimmer racks is USR on deck.

**Front of House**

All Front of House circuits may be broken individually at the FOH Intercept Panel located USR. Circuit terminations are 20amp stage pin.

Bridge is height adjustable, Catwalk is fixed. Bridge is considered 1st FOH position, Catwalk is considered 2nd. Please use facility's FOH instruments when possible. ETC Ethernet is available at all FOH locations.

(Box Boom values are per side):

**Circuits**

Position	Pipe Length	Distance to Proc.	House Circuits	Connector Type
Balcony Rail	82'	80'	42	20amp stage pin
Bridge	69'	30'	42	20amp stage pin
Catwalk	107'	80'	48	20amp stage pin
Box Boom near		45'	8	20amp stage pin
			2	50amp stage pin
Box Boom far		53'	8	20amp stage pin
			2	50amp stage pin

**Fixtures**

Position	Quantity	Instrument
Balcony Rail	28	Source Four 14 degree
Bridge	20	Source Four 14 degree
	5	Source Four 10 degree
Catwalk	42	Source Four 10 degree
Box Boom near	12	Source Four 15-30 degree zoom
Box Boom far	12	Source Four 15-30 degree zoom

**Follow spot Booth:**

Located at the top of house, 130 feet from proscenium at 31 degree angle.

(3) Lycian 3,000 watt Xenon follow spots

Spot booth is acoustically sealed from the house; contains ClearCom feeds and backstage audio feeds



**Onstage Electrics:**

System consists of approximately 400, 2,400 watt dimmers distributed in a dimmer-per-circuit design consisting of overhead raceways, Socapex drops and floor pockets. In addition there are five border lights each with three colors, no color and work lights. For locations of the raceways and border lights please refer to the "Permanent Installation" listings in the Stage House section.

**Available Fixtures for Onstage Electrics:**

Instrument	Quantity	Instrument	Quantity
Source Four 14 degree	20	Source Four PAR	60
Source Four 19 degree	80	2K Fresnel	48
Source Four 26 degree	90	5K Fresnel	4
Source Four 36 degree	60	4-cell CYC Light	14
Source Four 15-30 degree zoom	12	1.5K lanero CYC Ligh	42

All fixtures have necessary accessories including gel frames, safety cables, template holders, etc.

Whitney lighting control by ETC EOS Family

**SOUND**

FOH Consoles:	Midas Heritage 2000, 48 channel frame; Midas Venice 320; Midas M32
Recording/Booth Console:	Midas M32R
House Speakers:	12 Meyer Sound M1D, per side, Left and Right. 14 Meyer Sound M1D, Center Cluster 5 Meyer Sound M1D, Front Fill. 4 Meyer Sound UPJ-1P, Balcony Delay 4 Meyer Sound 700-HP Subwoofers, 2 per side
Loudspeaker Processor:	Meyer Sound Galileo 616
FOH Effects/Outboard:	Lexicon PCM91, Lexicon PCM81, Yamaha SPX900, TC Electronic D2, TC Electronic M2000 4 channels DBX 160A, 6 channels DBX 1066, 6 channels Aphex 622
Monitor Console:	Midas Heritage 3000, 48 channel frame
Monitor Speakers:	11 Meyer Sound USM-1P; 4 Meyer Sound USM-100P; 2 Meyer Sound MTS-4A
Monitor EQ:	16 channels TC Electronic EQ Station with Motofader
Monitor Effects/Outboard:	4 channels DBX 166; 4 channels DBX 1066; TC M2000
Communication:	ClearCom intercom with 12 headsets and belt packs HME System 800 with 8 headsets and belt packs
Paging:	Dressing Room and Backstage, paging microphones SL and SR
Assistive Listening:	Sound Associates Infrared Assistive Listening System Williams Sound RF Assistive Listening System
For Patrons with Hearing Disabilities:	LED Closed Captioning Sign
For Patrons with Visual Disabilities:	RF Audio Decription System

*Line Roster for Robert A. Whitney Hall at The Kentucky Center*

<b>Lineset Number</b>	<b>Distance from US Edge of Fire Pocket</b>	<b>Show Assignment</b>	<b>Trim Height</b>	<b>Notes. See explanations on final page.</b>
	(5'-6")			Lip of Stage
	(3'-11")			Downstage edge of Proscenium Arch
	(1'-1")			Plaster Line
0	(0'-6")	Fire Curtain		
	0'-0"			Upstage edge of Fire Pocket
1M	0'-6"	Grande Teaser		Electric Line Shaft
2	1'-0"	Grande Drape		
3	1'-6"			
		NO PIPE		
5M	2'-4"			Electric Line Shaft
6M	3'-0"	#1 Electric		Electric Line Shaft
7	3'-6"			
8	4'-0"			
9M	4'-6"	#1 Borderlight		Electric Line Shaft, High Trim 65'-10"
10	5'-0"			
11	5'-6"			
12	6'-0"			
13	6'-6"			
14	7'-0"			
15M	7'-6"			Electric Line Shaft
		NO PIPE		
17	8'-6"			
18	9'-0"			
19	9'-6"	#1 Acoustic Cloud		High Trim 63'-10"
20	10'-0"			
21	10'-6"			
22	11'-0"			
23	11'-6"			
24	12'-0"			
		NO PIPE		
26M	13'-0"	#2 Electric		Electric Line Shaft
27	13'-6"			
28	14'-0"			
29M	14'-6"	#2 Borderlight		Electric Line Shaft, High Trim 64'-10"
30	15'-0"			
31	15'-6"			
32	16'-0"			
33	16'-6"			
34	17'-0"			
35M	17'-6"			Electric Line Shaft
		NO PIPE		

<b>Lineset Number</b>	<b>Distance from US Edge of Fire Pocket</b>	<b>Show Assignment</b>	<b>Trim Height</b>	<b>Notes. See explanations on final page.</b>
37	18'-6"			
38	19'-0"			Fouls acoustic cloud. Use with caution
39	19'-6"	#2 Acoustic Cloud		High Trim 63'-10"
40	20'-0"			Fouls acoustic cloud. Use with caution
41	20'-6"			
42	21'-0"			
43	21'-6"			
44	22'-0"			
45	22'-6"			
46M	23'-0"	#3 Electric		Electric Line Shaft, High Trim 72'-9"
47	23'-6"			
48	24'-0"			
49M	24'-6"	#3 Borderlight		Electric Line Shaft, High Trim 64'-0"
50	25'-0"			
51	25'-6"			
52	26'-0"			
53	26'-6"			
54	27'-0"			
55M	27'-6"			Electric Line Shaft, High Trim 68'-0"
		NO PIPE		
57	28'-6"			
58	29'-0"	#3 Acoustic Cloud		High Trim 63'-10"
59	29'-6"			
60M	30'-0"	#4 Electric		Electric Line Shaft
61	30'-6"			
62	31'-0"			
63	31'-6"			
64	32'-0"			
65	32'-6"			
66M	33'-0"	#5 Electric		Electric Line Shaft
67	33'-6"			
68	34'-0"			
69M	34'-6"	#4 Borderlight		Electric Line Shaft
70	35'-0"			
71	35'-6"			
72	36'-0"			
73	36'-6"			
74	37'-0"			
		NO PIPE		
76	38'-0"			
77	38'-6"			
78	39'-0"	#4 Acoustic Cloud		High Trim 63'-10"
79	39'-6"			

Lineset Number	Distance from US Edge of Fire Pocket	Show Assignment	Trim Height	Notes. See explanations on final page.
80	40'-0"			
81	40'-6"			
82	41'-0"			
83	41'-6"			
84	42'-0"			
85	42'-6"			
86M	43'-0"	#6 Electric		Electric Line Shaft
87	43'-6"			
88	44'-0"			
89M	44'-6"	#5 Borderlight		Electric Line Shaft, High Trim 61'-0"
90	45'-0"			
91	45'-6"			
92	46'-0"			
93	46'-6"			
94	47'-0"			
		NO PIPE		
96	48'-0"			
97	48'-6"			
98	49'-0"			
99	49'-6"			
100M	50'-0"	#7 Electric		Electric Line Shaft, High Trim 71'-6"
101	50'-6"	Black Border		
102	51'-0"	Black Legs		25' SL & SR
103	51'-6"	Cyclorama		Cannot be transferred.
104	52'-0"	Black Backdrop		Cannot be transferred.

**Explanations:**

\*All manual sets will clear 76'-0".

\*All manual battens except those with acoustic clouds are 82' long, 1-1/2" OD, schedule-40 black pipe. Cloud battens are 63', schedule-80.

\*Motorized (M): Denotes a motorized lineset. Capable of varying speeds and loads.

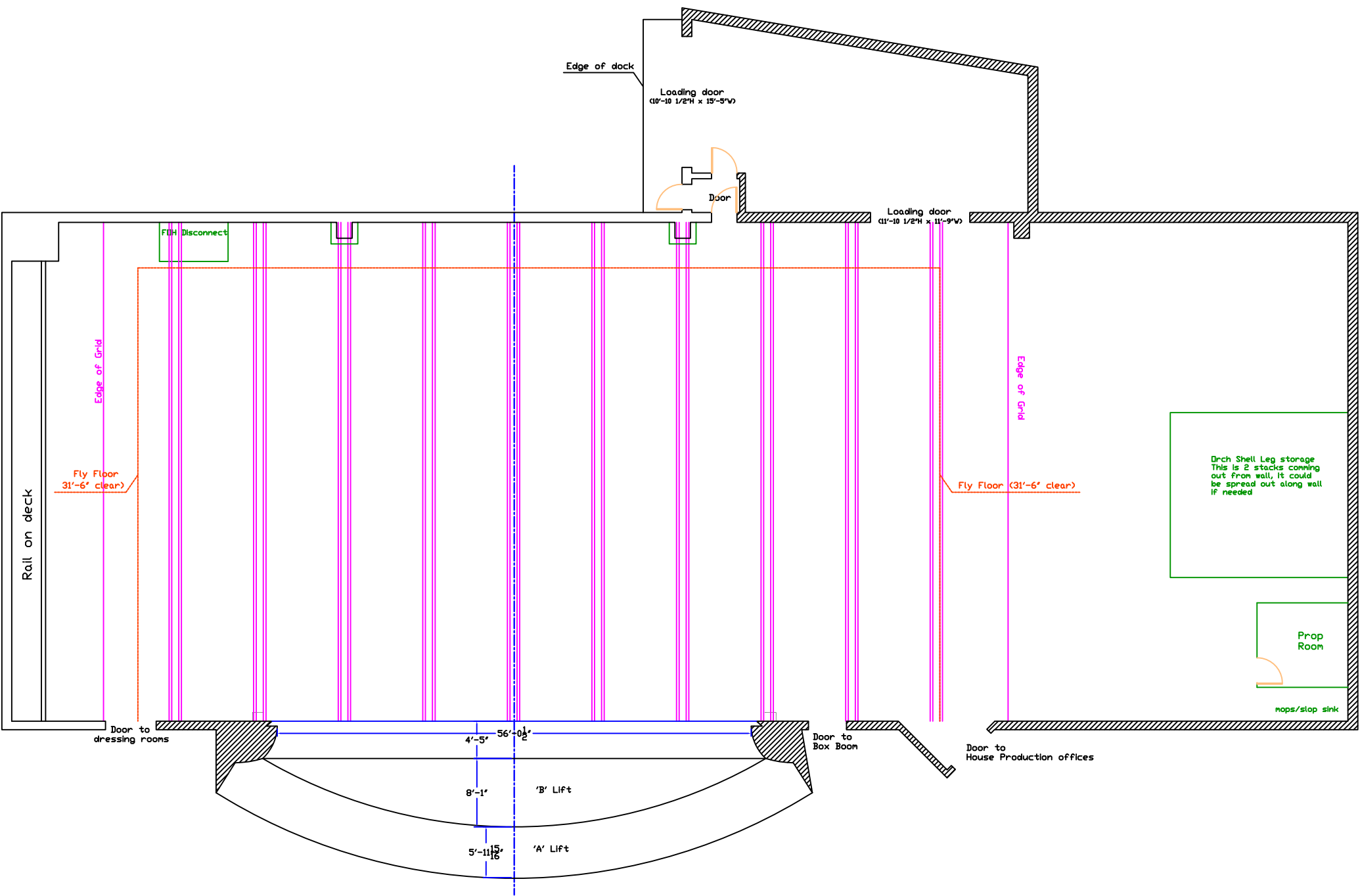
\*Electric : Permanently wired raceway with dimmer-per-circuit pigtails. Limited clearing height. Approximately 5" profile.

\*Borderlight : Striplight and pipe approximately 50' long. Has three colors, no color and worklights. Limited clearing height. Approximately 10" profile.



KENTUCKY CENTER





Edge of dock

Loading door  
(10'-10 1/2" H x 13'-3" W)

Door

Loading door  
(11'-10 1/2" H x 11'-9" W)

FIH Disconnect

Edge of Grid

Fly Floor  
(31'-6" clear)

Edge of Grid

Fly Floor (31'-6" clear)

Drch Shell Leg storage  
This is 2 stacks coming  
out from wall, it could  
be spread out along wall  
if needed

Prop Room

mops/stop sink

Rail on deck

Door to  
dressing rooms

Door to  
Box Room

Door to  
House Production offices

4'-5"

56'-0 1/2"

8'-1"

'B' Lift

5'-11 5/16"

'A' Lift

