

Technical Information Package

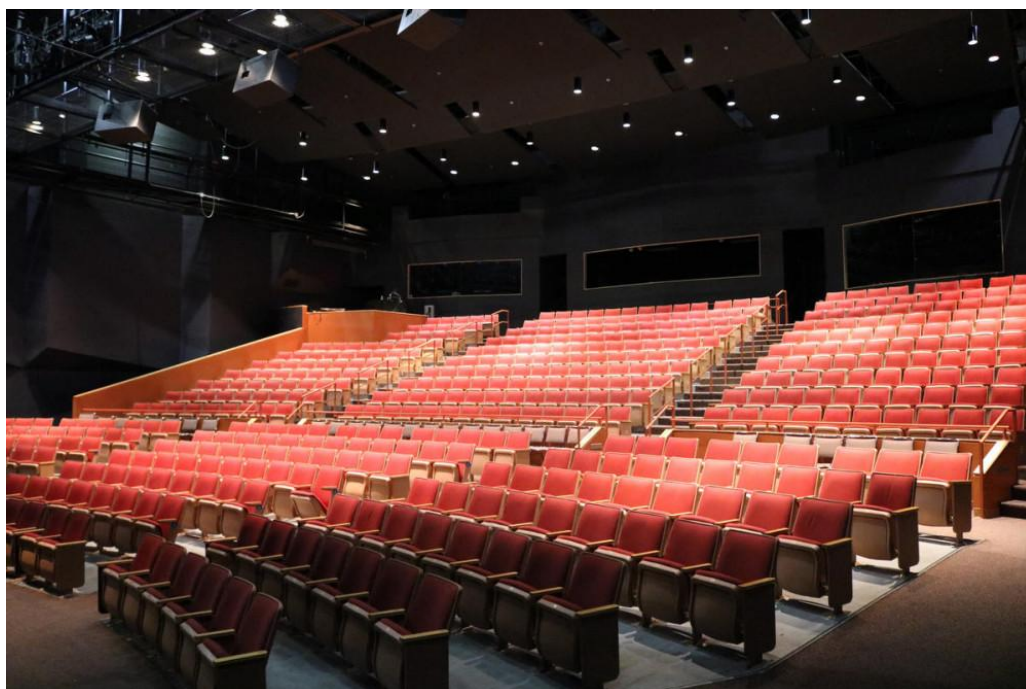
THE GEM THEATER

1615 E. 18th St
Kansas City, Missouri 64108



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WELCOME TO THE GEM THEATRE

Behind the restored 1912 façade of this historic theater is a modern 500-seat proscenium theater, complete with state-of-the-art technology and equipment. From live music, theatrical and comedy performances to community events, the Gem Theater continues to stand as a crown jewel of the 18th & Vine District.

The Gem features a spacious 2400 square foot stage, and convenient and modern building.

OUR VISION

The mission of the American Jazz Museum in Kansas City is to celebrate and exhibit the experience of jazz as an original American art form through performance, exhibition, education, and research at one of the country's jazz crossroads – 18th & Vine.

GENERAL INFORMATION

All Mail & Deliveries: 1616 E. 18th St, Kansas City, MO 64108 USA

Scheduling and Technical Services Inquires: Rentals@kcjazz.org

Emergency Numbers: ALL EMERGENCIES-911

Fire: 816-784-9040; 635 Woodland Ave, KCMO 64106

Police: 816-234-5000; 1125 Locust St, KCMO 64106

Ambulance - 911

Hospital: Truman Medical Center Hospital; 816-404-1000; 2301 Holmes St, KCMO 64108

Dental: Crossroads Dentistry; 816-841-0206; 1819 Wyandotte, KCMO 64108

Taxi Services:

Atlas Cab 816-421-0999 Crown

Cab Co 816-753-9300

Kansas City Taxi 816-471-5000 KCI

Shuttle 816-471-2015

Area Hotels and Points of Interest: See APPENDIX A for maps of points of interest, hotels, bus paths

Handicapped Access:

Removable Wheelchair seating: Each removable section removes three seats (marked on seat map in black). We can fill companion seats with loose chairs. Removable seating located back row center or Lower Level Right, Front row and back row center of Lower Level Center. Back row center of Lower level Left. Back row on left aisle of Upper Level Center. Back row Center of Upper Level Left.

Swing arm seats: Left aisle seat in all lower level sections on rows, B,C,D and F. Seat 213 Upper Level Center and Seat 301 Upper Level Left.

Bariatric chair: we have seats available at mid-house without arms.

Handicap accessible restrooms located on main level. Family Restroom with changing table on main level.

Assistive listening devices available upon request

Parking: Dock can accommodate one 28' truck. Parking is free on street. See APPENDIX B for a map.

Laundry:

Power Dry Cleaners: 1231 Main St, KCMO 64105; 816-221-8878

Royal Master Cleaners: 1501 Grand Blvd, KCMO 64108; 816-842-3375

Time Zone: Central Standard Time (CST), UTC 06:00. The state of Missouri observes Daylight Savings Time.

WiFi: AJM-Guest Password : guestaccess

MANAGEMENT

Dressing Rooms: 3 at stage level. 2 chorus rooms that seat approximately 15 each and a 'star' dressing room that seats a max of 2 people. Each dressing room comes with its own bathroom and shower. Makeup lighting and counter outlets. One rolling rack in each room.

Green Room: Stage level, kitchenette area with microwave, sink and small fridge. One couch, Dining seating for 20.

Crews: KCPA utilizes two production companies, To the Maxxe and SECT

Handicapped Access: Elevator is available for upper lobby and seating. All dressing rooms are accessible. Dressing rooms, lobby and stage all on one level. House accessible via stage left vestibule.

Policies: Please see APPENDIX G for a list of guidelines.

LOAD-IN AND STAGE DOOR

Dock location: East side of building, on Highland Ave. There is one dock height slip that unloads directly onto hydraulic lift down to stage.

Dock height: 4'-0" (1.2m)

Dock door dimensions: Garage door 7'-6" wide by 10'-0" high

Push distance: 10' off of lift directly onto upstage right. Or into shop area

Power: No Shore Power available.

Scenery doors: Two doors, 19' high by 8' wide, from scenery room to stage right.

Stage door location: East side of the building off of Highland. Directly to the right of the dock. NB this door has a short stairwell. Wheelchair access through main doors on 18th St.

See APPENDIX C for diagram of dock and stage area.

CARPENTRY

Please note: The use of all stage equipment and support spaces is subject to availability and must be requested in advance.

Audience Chamber

Seating Configuration: Proscenium house with six seating sections. Three sections in lower orchestra, three sections in upper orchestra. There are no balconies or boxes. In rear of theater, house left, is a glassed-off room that seats ten plus two spaces for wheelchairs. This can be used as a cry room or VIP Suite. See Appendix F for seat map.

Orchestra pit: We do not have an orchestra pit.

Stage Dimensions

Proscenium dimensions: 20' high by 42' wide.

Stage dimensions: 74' wide (SR wall to SL wall) by 30' deep from plaster line. Additional curved thrust downstage of curtain is 10' deep at deepest point. At center 40' deep from edge of stage to wall. crossover is through backstage area. There's a door USR and USL

Grid Height: 24'. This theater DOES NOT have a fly space. We have a winch system for soft goods. Catwalk/grid is above the battens and contains additional lighting positions and rigging points.

Stage Height: 28" from auditorium floor to stage

Stairs to Audience: The entire front of the stage is stepped.

Stage Floor

The entire stage floor area is a dark grey, covered with a linoleum type material. Load capacity is 150 lbs. per square foot (68kg per 929cm²). No fasteners, including screws and lag bolts, are permitted.

Line Set Data

Line Plot:

TYPE	Distance from plaster line	HEIGHT	WIDTH	MATERIAL	FULLNESS	COLOR
Main Drape and Valence	1'-0"	20'-0"	35'-" per panel	25 oz. velour		Gold
Open Batten	3'-0"		60'-0"	Schedule 40 pipe		Black
#1 Legs and Border	5'-0"	3' Valence 22' Legs	60' (Val) 10' (Leg)	25 oz. velour	Pleated (Val) 50% (Leg)	Black
#2 Legs and Border	11'-0"	3' Valence 22' Legs	60' (Val) 10' (Leg)	25 oz. velour	Pleated (Val) 50% (Leg)	Black

Open Batten	13'-0"		60'-0"	Schedule 40 pipe		Black
#3 Legs and Border	17'-0"	3' Valence 22' Legs	60' (Val) 10' (Leg)	25 oz. velour	Pleated (Val) 50% (Leg)	Black
#4 Legs and Border	23'-0"	3' Valence 22' Legs	60' (Val) 10' (Leg)	25 oz. velour	Pleated (Val) 50% (Leg)	Black
Black Traveler	25'	22'	60'	25 oz. velour	50%	Black
Cyclorama	26'	22'	60'	Cotton	Flat	White

All battens are on a winch system with a maximum trim height of 22'. The majority of battens are in use with legs and borders, cyc and traveler.

Two battens are available . with a max load capacity 9000 lbs. Additional lighting may be hung from grid above.

Support area: The scenery room is located to the left of the loading dock and upstage right of the stage house. Dimensions for this room are 12 wide by 24' long .It is suitable for some case and crate storage.

LIGHTING

Please note: The use of all stage equipment and support spaces is subject to availability and must be requested in advance.

Control console and locations: ETC ION XE20 operable from house tech booth.

Dimming, Circuits, and Wiring: Raceways available along all of the lighting positions. 1 circuit per 18 inches. 48 circuits have been replaced with relays to create non-dim power for LED fixtures. Relay circuits are labelled. All circuits are stage pin. See Appendix F for Instrument Schedule and Light plot.

Ethernet and DMX: ETC gateways are located at the end of each catwalk and off stage right.

Houselights: Control panels located in house rear booth, and back stage right.

Disconnect Power:

COUNT	VOLTAGE	AMPERAGE	CONNECTOR	LOCATION	NOTES
1	120/208, 3-phase	200A/leg		Stage Left	Bare End or Camlock
1	120/208, 3-phase	400A/leg		Stage Right	Bare End or camlock

Fixture and Accessory Inventory:

We have (3) overstage electrics each consisting of Chauvet color wash batten lighting interspersed with ETC Lonestar Fixtures. Four per batten, a total of (12) Lonestars over the stage.

Front light consists of (5) focusable specials and an upstage, midstage and downstage front wash. ETC RGB LED fixtures.

We have (1) Follow Spot Lycian Midget HP See Appendix F for light plot and Instrument Schedule

The theater has an easily accessible grid and catwalk system with pipe running along each catwalk and along the left and right wall of the house from spot position to proscenium. See Appendix F for pictures. Two catwalks downstage of the proscenium, one splitting and two upstage. The catwalks over the stage have what can be used as high side positions over the stage and downstage of the proscenium box boom positions. We don't have a balcony rail, but can achieve a 45 degree angle from the catwalks that run up and downstage from both sides of the house.

AUDIO

Control Console & Locations: Midas X32 FOH position in house rear, 62 feet from stage.

Program Monitor/Paging System: Program monitor, no paging.

Monitoring: We have a selection of (8) EAW DB Technologies FMX 10 powered floor monitors. A 32-channel 8 return monitor split, (2) 12-Channel 100' sub snakes

Assistive listening system: Yes

Production Communications: 2 channels of clear com available in tech booths, back stage, sound position, spot positions. House clear-com packs are single channel only.

House Sound System: The house sound system consists of a stereo line array. Six (6) d&b y8's and two (2) d&B Y12's per side. The system also has two (2) d&b 21s Subwoofers.

Microphones: (3) Shure HH wireless mics, (6) SM 58's, (6) SM57's (1) Beta 52, (1) Shure Bg4.1 (1) Senn e602, (2) Senn e612 (6) Senn e604 (3) ProCo Db-1 DI (3) Behringer Ultra DI (2) Barcus Berry planar wave pickup (2) Senn MD421. (2) EV RE20, (2) AKG 414.

VIDEO

Please note: The use of all stage equipment and support spaces is subject to availability and must be requested in advance.

Video cameras: We do not have any video cameras

Monitors: One 46" (81.2cm) flat screen monitors with rolling carts for presentations or confidence monitors are available, subject to scheduling.

Projection Distance: Distance from tech booth to plaster line is 70'

Projector: 1 Epson 15k Laser Projector. HDMI Input.

PROPERTIES

Please note: The use of all stage equipment and support spaces is subject to availability and must be requested in advance.

Chairs: 80 black foldable chairs.

Stools: (3) swivel low back stools, (3) padded top barstools (5) black and gray directors chairs available on request.

Music Stands: 50 black Manhasset Music Stands. One Double-wide Manhasset conductor stand.

Piano: 7ft. Steinway Grand

Tables: (4) 8' (2.4m) white tables available upon request. (4) 6' tables.

Merch Grid: We have three grids of two sections each.

Lecterns: 1 podium, roll style and (1) Grey/black acrylic podium

Stair Units: 2 sets of black two-steps. Entire stage is stepped to auditorium

Mop Room: There is a mop filling sink in the shop/greenroom area.

Kitchenette: Stage level, Mini-fridge, sink, and microwave.

WARDROBE

Irons: 1 Iron

Ironing Boards: 1 Ironing Board

Steamers: 1 steamer

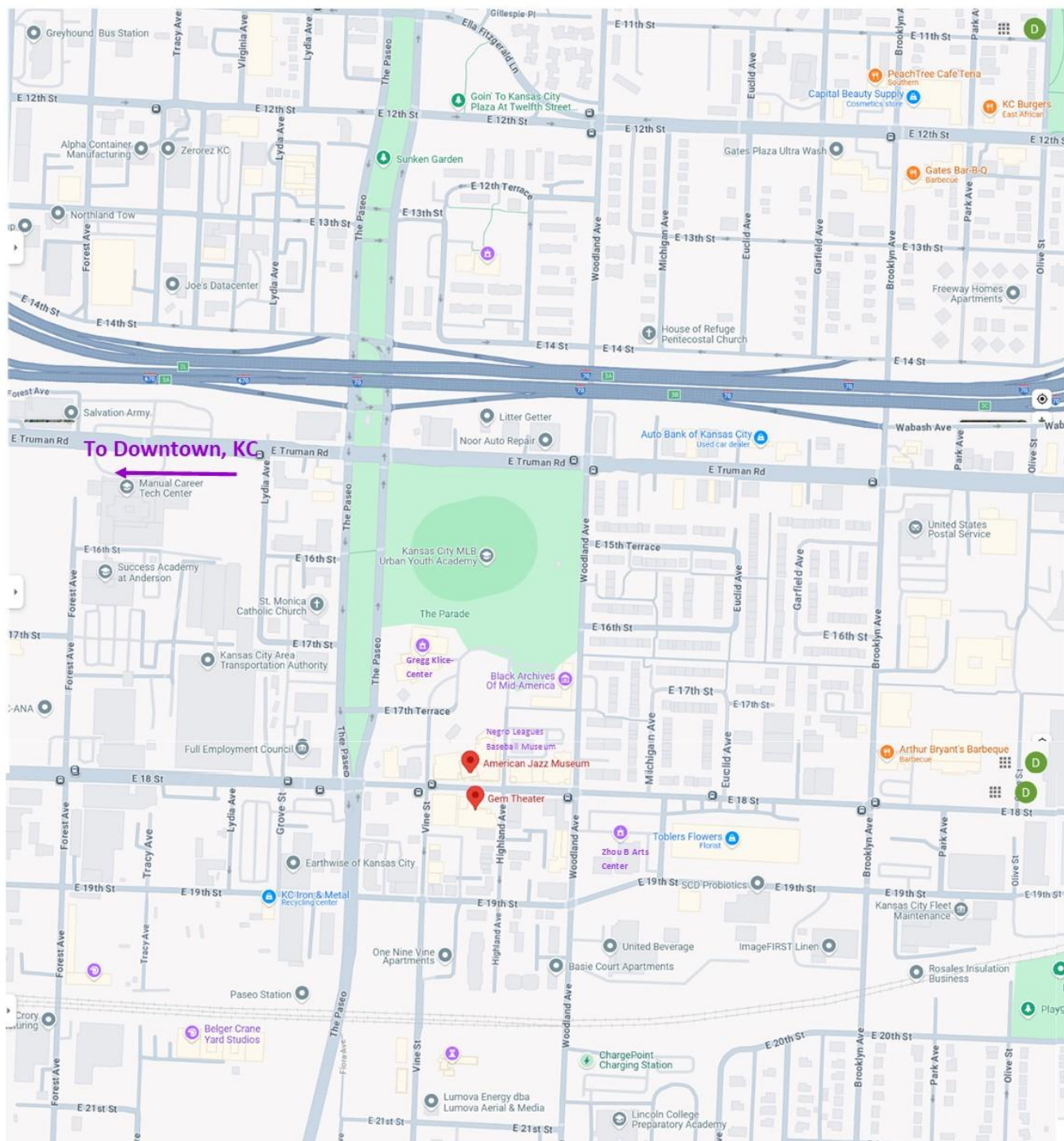
Washer/Dryers: None available onsite.

Racks and Hangers: 4 rolling costume racks

Dressing Rooms: 1 Star Dressing room, (2) chorus Dressing rooms (approx. 15 people each) All dressing rooms equipped with showers, sinks, toilets, mirrors, and makeup lighting.

Dressing Room Map: See APPENDIX D for dressing room layout and location.

APPENDIX A: 18TH AND VINE MAP - POINTS OF INTEREST



APPENDIX B: DIRECTIONS and DOCK

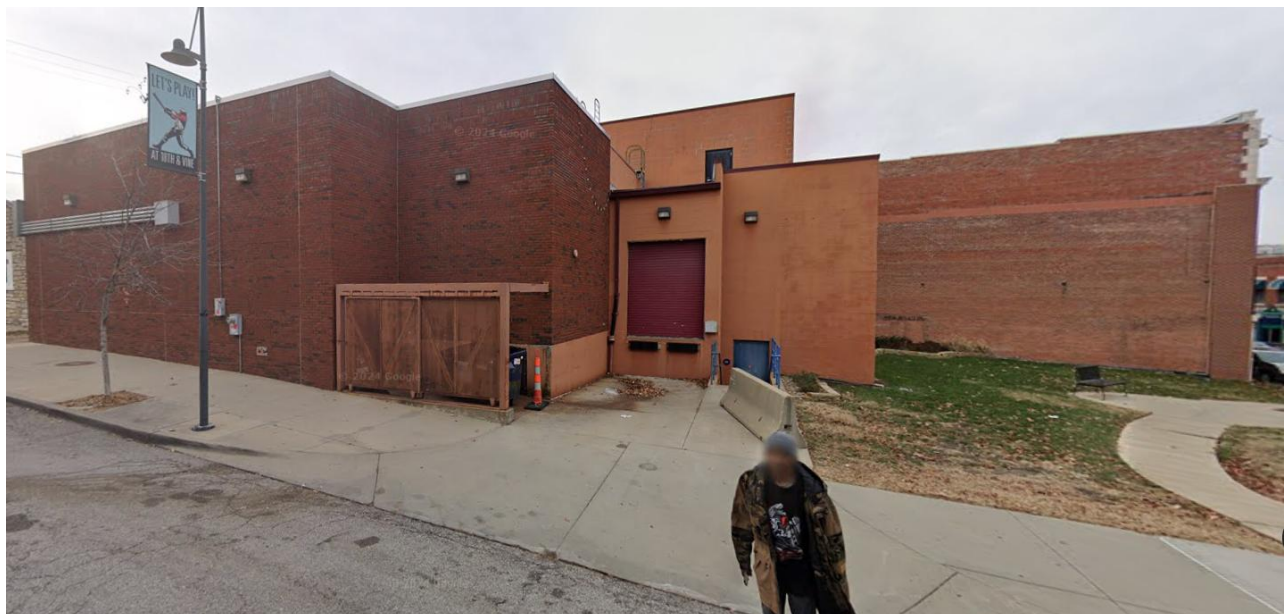


From 1-70 West take exit 3A towards US-71s/The Paseo
Turn left onto the Paseo towards US-71 S.
Turn Left onto E.18th St.
Turn Right onto Highland

From 1-670 East
Take the exit onto US-71 (Bruce R. Watkins Dr.)
Take the exit toward 22nd St/The Paseo
Turn left onto E 22nd St
Turn left onto the Paseo
Turn right onto E 18th St.
Turn Right onto Highland

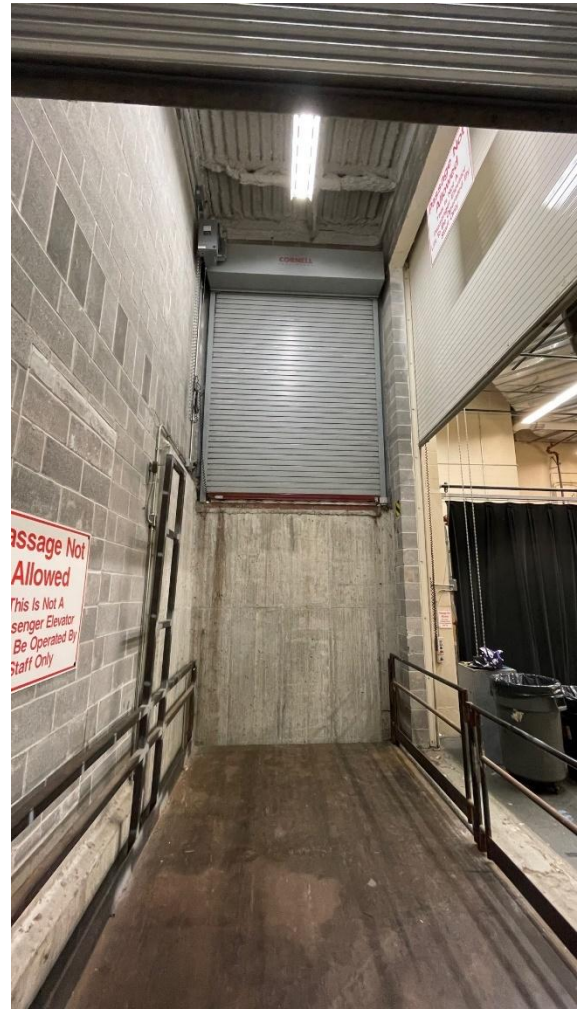
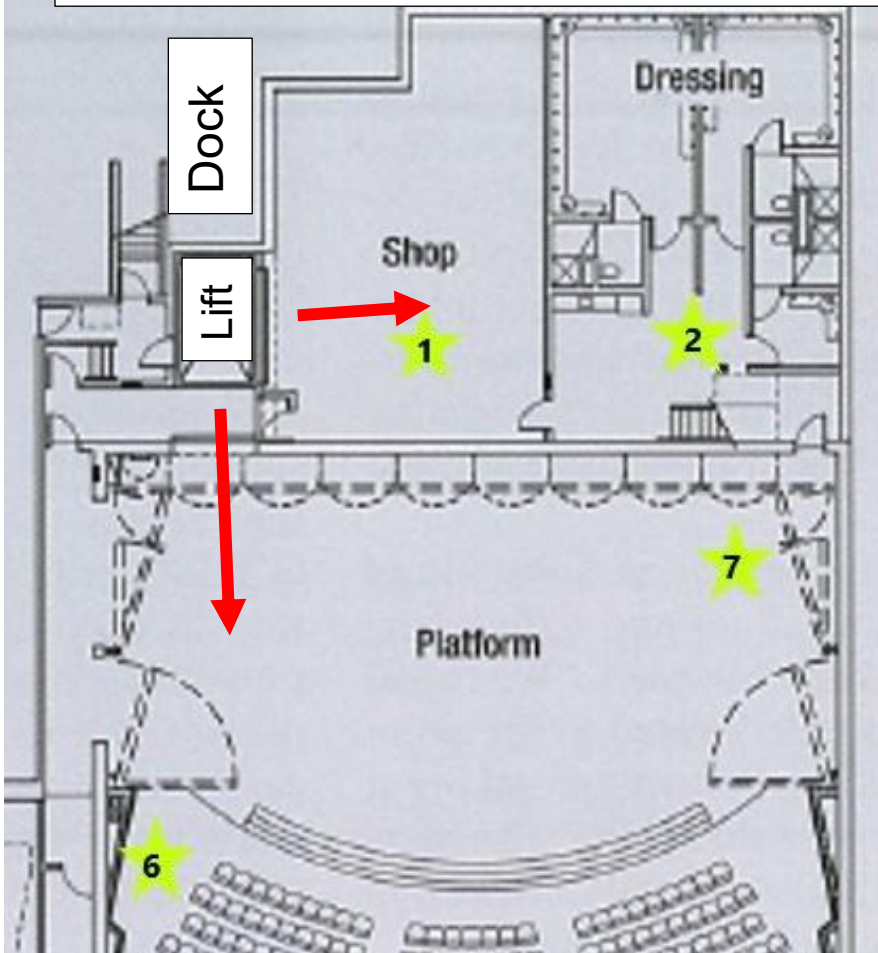
From 1-70 East
Keep Left onto 1-35 N toward Independence Ave/US 24
Take exit 2H toward Independence Ave
Turn Right onto Independence Ave
Turn Right onto the Paseo
Turn Left onto E 18th St. Turn Right onto Highland.

From I-29 South
Take Exit 4A onto the Paseo
Turn Left onto E 18th St.
Turn right on Highland



APPENDIX C: LOADING DOCK DIAGRAM

Highland Ave



Dock Accommodates 28' Truck

Dock door Dimensions: 7'-6" Wide by 10' tall

Lift Dimensions: 7'-6" by 13'

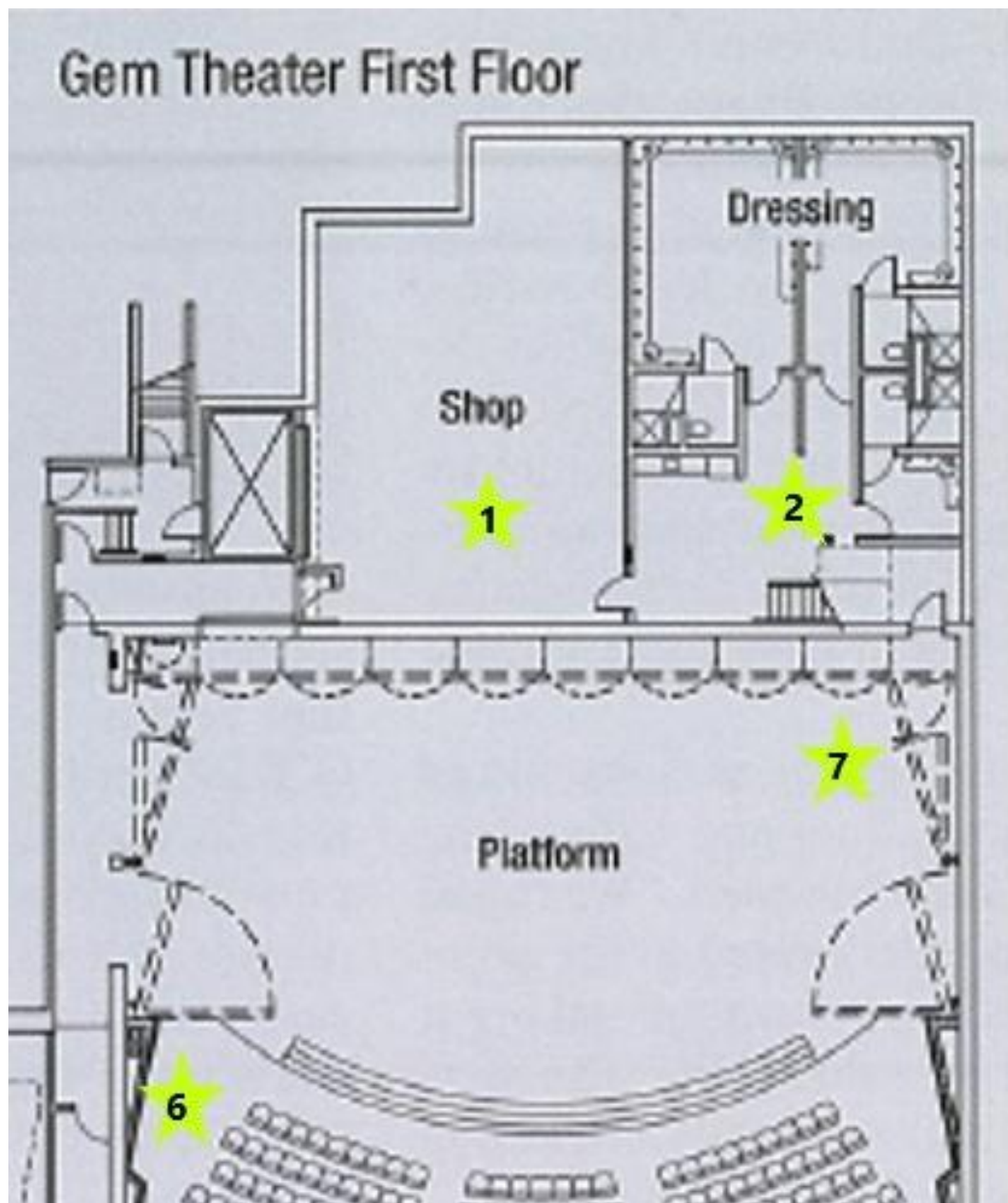
Shop and Stage rollup door dimensions: 19' high by 8' wide

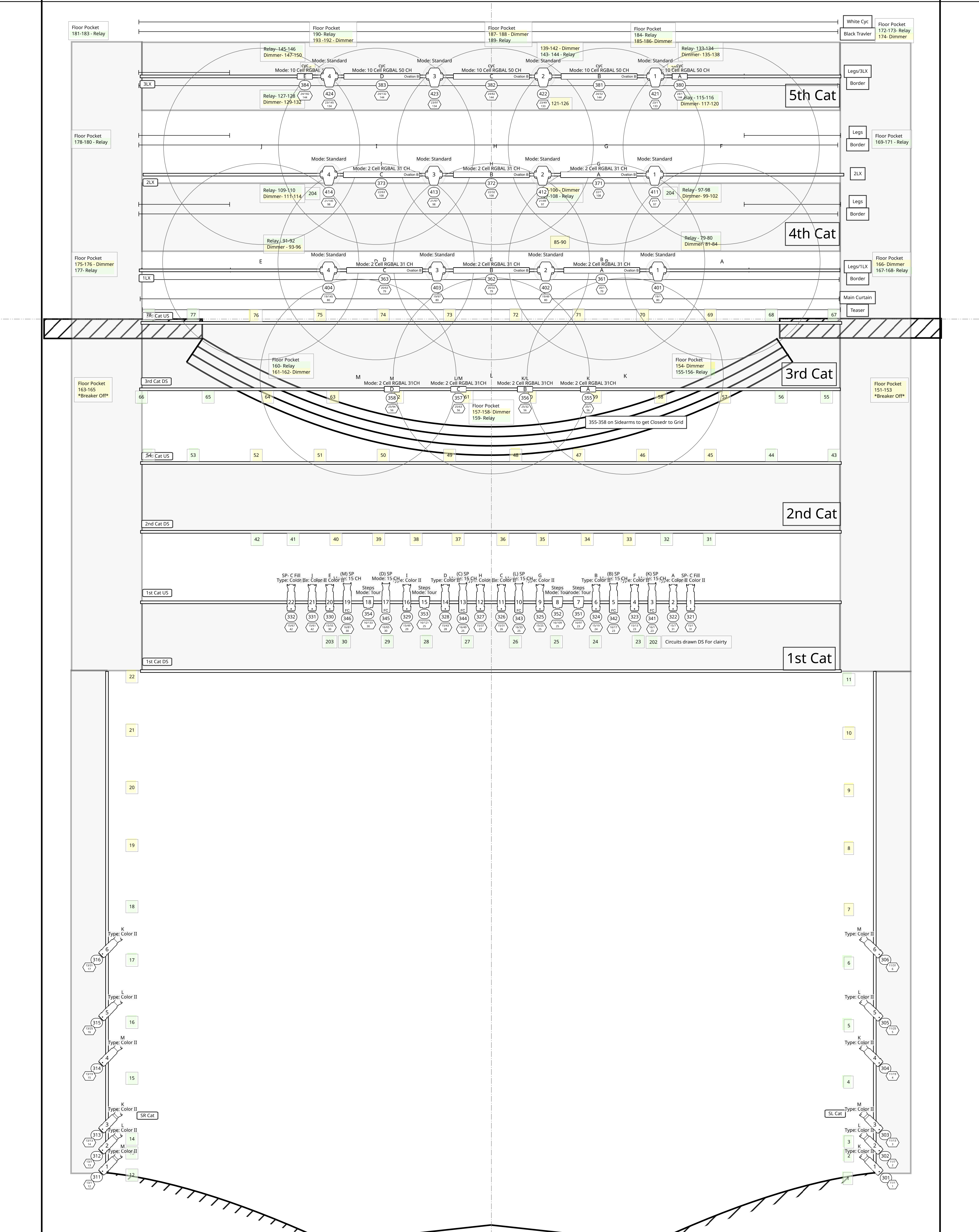
Opening to the stage dimensions: 19' high by 8' wide.

Lift cannot run with doors open. To use the lift we take it to truck level, open rollup door, load lift, close rollup door. Lower lift then open door to stage.

We do not have a dock plate.

APPENDIX D: DRESSING ROOM MAPS





Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
1	1	1	R20AF	ETC	Relay	1	SL CAT	
2	1	2	R20AF	ETC	Relay	2	SL CAT	
3	1	3	R20AF	ETC	Relay	3	SL CAT	
4	1	4	R20AF	ETC	Relay	4	SL CAT	
5	1	5	R20AF	ETC	Relay	5	SL CAT	
6	1	6	R20AF	ETC	Relay	6	SL CAT	
7	1	7	D20E	ETC	Dimmer	7	SL CAT	
8	1	8	D20E	ETC	Dimmer	8	SL CAT	
9	1	9	D20E	ETC	Dimmer	9	SL CAT	
10	1	10	D20E	ETC	Dimmer	10	SL CAT	
11	1	11	R20AF	ETC	Relay	11	SL CAT	
12	1	12	R20AF	ETC	Relay	12	SR CAT	
13	1	13	R20AF	ETC	Relay	13	SR CAT	
14	1	14	R20AF	ETC	Relay	14	SR CAT	
15	1	15	R20AF	ETC	Relay	15	SR CAT	
16	1	16	R20AF	ETC	Relay	16	SR CAT	
17	1	17	R20AF	ETC	Relay	17	SR CAT	
18	1	18	R20AF	ETC	Relay	18	SR CAT	
19	1	19	D20E	ETC	Dimmer	19	SR CAT	
20	1	20	D20E	ETC	Dimmer	20	SR CAT	
21	1	21	D20E	ETC	Dimmer	21	SR CAT	
22	1	22	D20E	ETC	Dimmer	22	SR CAT	
23	1	23	R20AF	ETC	Relay	23	CAT 1	
24	1	24	R20AF	ETC	Relay	24	CAT 1	
25	1	25	R20AF	ETC	Relay	25	CAT 1	
26	1	26	R20AF	ETC	Relay	26	CAT 1	
27	1	27	R20AF	ETC	Relay	27	CAT 1	
28	1	28	R20AF	ETC	Relay	28	CAT 1	
29	1	29	R20AF	ETC	Relay	29	CAT 1	
30	1	30	R20AF	ETC	Relay	30	CAT 1	
31	1	31	R20AF	ETC	Relay	31	CAT 2	
32	1	32	R20AF	ETC	Relay	32	CAT 2	
33	1	33	D20E	ETC	Dimmer	33	CAT 2	
34	1	34	D20E	ETC	Dimmer	34	CAT 2	
35	1	35	D20E	ETC	Dimmer	35	CAT 2	
36	1	36	D20E	ETC	Dimmer	36	CAT 2	

Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
37	1	37	D20E	ETC	Dimmer	37	CAT 2	
38	1	38	D20E	ETC	Dimmer	38	CAT 2	
39	1	39	D20E	ETC	Dimmer	39	CAT 2	
40	1	40	D20E	ETC	Dimmer	40	CAT 2	
41	1	41	R20AF	ETC	Relay	41	CAT 2	
42	1	42	R20AF	ETC	Relay	42	CAT 2	
43	1	43	R20AF	ETC	Relay	43	CAT 2	
44	1	44	R20AF	ETC	Relay	44	CAT 2	
45	1	45	D20E	ETC	Dimmer	45	CAT 2	
46	1	46	D20E	ETC	Dimmer	46	CAT 2	
47	1	47	D20E	ETC	Dimmer	47	CAT 2	
48	1	48	D20E	ETC	Dimmer	48	CAT 2	
49	1	49	D20E	ETC	Dimmer	49	CAT 2	
50	1	50	D20E	ETC	Dimmer	50	CAT 2	
51	1	51	D20E	ETC	Dimmer	51	CAT 2	
52	1	52	D20E	ETC	Dimmer	52	CAT 2	
53	1	53	R20AF	ETC	Relay	53	CAT 2	
54	1	54	R20AF	ETC	Relay	54	CAT 2	
55	1	55	R20AF	ETC	Relay	55	CAT 3	
56	1	56	R20AF	ETC	Relay	56	CAT 3	
57	1	57	D20E	ETC	Dimmer	57	CAT 3	
58	1	58	D20E	ETC	Dimmer	58	CAT 3	
59	1	59	D20E	ETC	Dimmer	59	CAT 3	
60	1	60	D20E	ETC	Dimmer	60	CAT 3	
61	1	61	D20E	ETC	Dimmer	61	CAT 3	
62	1	62	D20E	ETC	Dimmer	62	CAT 3	
63	1	63	D20E	ETC	Dimmer	63	CAT 3	
64	1	64	D20E	ETC	Dimmer	64	CAT 3	
65	1	65	R20AF	ETC	Relay	65	CAT 3	
66	1	66	R20AF	ETC	Relay	66	CAT 3	
67	1	67	R20AF	ETC	Relay	67	CAT 3	
68	1	68	R20AF	ETC	Relay	68	CAT 3	
69	1	69	D20E	ETC	Dimmer	69	CAT 3	
70	1	70	D20E	ETC	Dimmer	70	CAT 3	
71	1	71	D20E	ETC	Dimmer	71	CAT 3	
72	1	72	D20E	ETC	Dimmer	72	CAT 3	

Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
73	1	73	D20E	ETC	Dimmer	73	CAT 3	
74	1	74	D20E	ETC	Dimmer	74	CAT 3	
75	1	75	D20E	ETC	Dimmer	75	CAT 3	
76	1	76	D20E	ETC	Dimmer	76	CAT 3	
77	1	77	R20AF	ETC	Relay	77	CAT 3	
78	1	78	R20AF	ETC	Relay	78	CAT 3	
79	1	79	R20AF	ETC	Relay	79	CAT 4	
80	1	80	R20AF	ETC	Relay	80	CAT 4	
81	1	81	D20E	ETC	Dimmer	81	CAT 4	
82	1	82	D20E	ETC	Dimmer	82	CAT 4	
83	1	83	D20E	ETC	Dimmer	83	CAT 4	
84	1	84	D20E	ETC	Dimmer	84	CAT 4	
85	1	85	D20E	ETC	Dimmer	85	CAT 4	
86	1	86	D20E	ETC	Dimmer	86	CAT 4	
87	1	87	D20E	ETC	Dimmer	87	CAT 4	
88	1	88	D20E	ETC	Dimmer	88	CAT 4	
89	1	89	D20E	ETC	Dimmer	89	CAT 4	
90	1	90	D20E	ETC	Dimmer	90	CAT 4	
91	1	91	R20AF	ETC	Relay	91	CAT 4	
92	1	92	R20AF	ETC	Relay	92	CAT 4	
93	1	93	D20E	ETC	Dimmer	93	CAT 4	
94	1	94	D20E	ETC	Dimmer	94	CAT 4	
95	1	95	D20E	ETC	Dimmer	95	CAT 4	
96	1	96	D20E	ETC	Dimmer	96	CAT 4	
97	1	97	R20AF	ETC	Relay	97	CAT 4	
98	1	98	R20AF	ETC	Relay	98	CAT 4	
99	1	99	D20E	ETC	Dimmer	99	CAT 4	
100	1	100	D20E	ETC	Dimmer	100	CAT 4	
101	1	101	D20E	ETC	Dimmer	101	CAT 4	
102	1	102	D20E	ETC	Dimmer	102	CAT 4	
103	1	103	D20E	ETC	Dimmer	103	CAT 4	
104	1	104	D20E	ETC	Dimmer	104	CAT 4	
105	1	105	D20E	ETC	Dimmer	105	CAT 4	
106	1	106	D20E	ETC	Dimmer	106	CAT 4	
107	1	107	R20AF	ETC	Relay	107	CAT 4	
108	1	108	R20AF	ETC	Relay	108	CAT 4	

Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
109	1	109	R20AF	ETC	Relay	109	CAT 4	
110	1	110	R20AF	ETC	Relay	110	CAT 4	
111	1	111	D20E	ETC	Dimmer	111	CAT 4	
112	1	112	D20E	ETC	Dimmer	112	CAT 4	
113	1	113	D20E	ETC	Dimmer	113	CAT 4	
114	1	114	D20E	ETC	Dimmer	114	CAT 4	
115	1	115	R20AF	ETC	Relay	115	CAT 5	
116	1	116	R20AF	ETC	Relay	116	CAT 5	
117	1	117	D20E	ETC	Dimmer	117	CAT 5	
118	1	118	D20E	ETC	Dimmer	118	CAT 5	
119	1	119	D20E	ETC	Dimmer	119	CAT 5	
120	1	120	D20E	ETC	Dimmer	120	CAT 5	
121	1	121	D20E	ETC	Dimmer	121	CAT 5	
122	1	122	D20E	ETC	Dimmer	122	CAT 5	
123	1	123	D20E	ETC	Dimmer	123	CAT 5	
124	1	124	D20E	ETC	Dimmer	124	CAT 5	
125	1	125	D20E	ETC	Dimmer	125	CAT 5	
126	1	126	D20E	ETC	Dimmer	126	CAT 5	
127	1	127	R20AF	ETC	Relay	127	CAT 5	
128	1	128	R20AF	ETC	Relay	128	CAT 5	
129	1	129	D20E	ETC	Dimmer	129	CAT 5	
130	1	130	D20E	ETC	Dimmer	130	CAT 5	
131	1	131	D20E	ETC	Dimmer	131	CAT 5	
132	1	132	D20E	ETC	Dimmer	132	CAT 5	
133	1	133	R20AF	ETC	Relay	133	CAT 5	
134	1	134	R20AF	ETC	Relay	134	CAT 5	
135	1	135	D20E	ETC	Dimmer	135	CAT 5	
136	1	136	D20E	ETC	Dimmer	136	CAT 5	
137	1	137	D20E	ETC	Dimmer	137	CAT 5	
138	1	138	D20E	ETC	Dimmer	138	CAT 5	
139	1	139	D20E	ETC	Dimmer	139	CAT 5	
140	1	140	D20E	ETC	Dimmer	140	CAT 5	
141	1	141	D20E	ETC	Dimmer	141	CAT 5	
142	1	142	D20E	ETC	Dimmer	142	CAT 5	
143	1	143	R20AF	ETC	Relay	143	CAT 5	
144	1	144	R20AF	ETC	Relay	144	CAT 5	

Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
145	1	145	R20AF	ETC	Relay	145	CAT 5	
146	1	146	R20AF	ETC	Relay	146	CAT 5	
147	1	147	D20E	ETC	Dimmer	147	CAT 5	
148	1	148	D20E	ETC	Dimmer	148	CAT 5	
149	1	149	D20E	ETC	Dimmer	149	CAT 5	
150	1	150	D20E	ETC	Dimmer	150	CAT 5	
151	1	151	D20E	ETC	Dimmer	151	HR Floor Pocket	Breakered Off
152	1	152	D20E	ETC	Dimmer	152	HR Floor Pocket	Breakered Off
153	1	153	D20E	ETC	Dimmer	153	HR Floor Pocket	Breakered Off
154	1	154	D20E	ETC	Dimmer	154	HR DS Stair Front	
155	1	155	R20AF	ETC	Relay	155	HR DS Stair Front	
156	1	156	R20AF	ETC	Relay	156	HR DS Stair Front	
157	1	157	D20E	ETC	Dimmer	157	Center DS Stair Front	
158	1	158	D20E	ETC	Dimmer	158	Center DS Stair Front	
159	1	159	R20AF	ETC	Relay	159	Center DS Stair Front	
160	1	160	R20AF	ETC	Relay	160	HL DS Stair Front	
161	1	161	D20E	ETC	Dimmer	161	HL DS Stair Front	
162	1	162	D20E	ETC	Dimmer	162	HL DS Stair Front	
163	1	163	D20E	ETC	Dimmer	163	HL Floor Pocket	Breakered Off
164	1	164	D20E	ETC	Dimmer	164	HL Floor Pocket	Breakered Off
165	1	165	D20E	ETC	Dimmer	165	HL Floor Pocket	Breakered Off
166	1	166	D20E	ETC	Dimmer	166	DSL Floor Pocket	
167	1	167	R20AF	ETC	Relay	167	DSL Floor Pocket	
168	1	168	R20AF	ETC	Relay	168	DSL Floor Pocket	
169	1	169	R20AF	ETC	Relay	169	SLC Floor Pocket	
170	1	170	R20AF	ETC	Relay	170	SLC Floor Pocket	
171	1	171	R20AF	ETC	Relay	171	SLC Floor Pocket	
172	1	172	R20AF	ETC	Relay	172	USL Floor Pocket	
173	1	173	R20AF	ETC	Relay	173	USL Floor Pocket	
174	1	174	R20AF	ETC	Relay	174	USL Floor Pocket	
175	1	175	D20E	ETC	Dimmer	175	DSR Floor Pocket	
176	1	176	D20E	ETC	Dimmer	176	DSR Floor Pocket	
177	1	177	R20AF	ETC	Relay	177	DSR Floor Pocket	
178	1	178	R20AF	ETC	Relay	178	SRC Floor Pocket	
179	1	179	R20AF	ETC	Relay	179	SRC Floor Pocket	
180	1	180	R20AF	ETC	Relay	180	SRC Floor Pocket	

Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
181	1	181	R20AF	ETC	Relay	181	USR Floor Pocket	
182	1	182	R20AF	ETC	Relay	182	USR Floor Pocket	
183	1	183	R20AF	ETC	Relay	183	USR Floor Pocket	
184	1	184	R20AF	ETC	Relay	184	USL Cyc Floor Pocket	
185	1	185	D20E	ETC	Dimmer	185	USL Cyc Floor Pocket	
186	1	186	D20E	ETC	Dimmer	186	USL Cyc Floor Pocket	
187	1	187	D20E	ETC	Dimmer	187	USC Cyc Floor Pocket	
188	1	188	D20E	ETC	Dimmer	188	USC Cyc Floor Pocket	
189	1	189	R20AF	ETC	Relay	189	USC Cyc Floor Pocket	
190	1	190	R20AF	ETC	Relay	190	USR Cyc Floor Pocket	
191	1	191	D20E	ETC	Dimmer	191	USR Cyc Floor Pocket	
192	1	192	D20E	ETC	Dimmer	192	USR Cyc Floor Pocket	
193	1	193	D20E	ETC	Dimmer	193	House Light - Low Side	
194	1	194	D20E	ETC	Dimmer	194	Backstage Work	
195	1	195	D20E	ETC	Dimmer	195	House Light - Lower Seats	
196	1	196	D20E	ETC	Dimmer	196	House Light - Mid Seats	
197	1	197	D20E	ETC	Dimmer	197	House Light - Upper 1	
198	1	198	D20E	ETC	Dimmer	198	House Light - Upper 2	
199	1	199	D20E	ETC	Dimmer	199	House Light - Upper 3	
200	1	200	D20E	ETC	Dimmer	200	House Light - Upper Side	
201	1	201	R20AF	ETC	Relay	201	N/A	Empty Lug
202	1	202	R20AF	ETC	Relay	202	Work Lights- House Right	
203	1	203	R20AF	ETC	Relay	203	Work Lights - House Left	
204	1	204	R20AF	ETC	Relay	204	Work Lights - Upstage	
205	1	205	D20E	ETC	Dimmer	205	Work Lights - Downstage	
206	1	206	D20E	ETC	Dimmer	206	House Light - Apron	
207	1	207	D20E	ETC	Dimmer	207	Unknown	
208	1	208	D20E	ETC	Dimmer	208	Unknown	
209	1	209	D20E	ETC	Dimmer	209	Unknown	
210	1	210	D20E	ETC	Dimmer	210	Unknown	
211	1	211	D20E	ETC	Dimmer	211	Unknown	
212	1	212	D20E	ETC	Dimmer	212	Unknown	
213	1	213	D20E	ETC	Dimmer	213	Unknown	
214	1	214	D20E	ETC	Dimmer	214	Unknown	
215	1	215	D20E	ETC	Dimmer	215	Unknown	
216	1	216	D20E	ETC	Dimmer	216	Unknown	

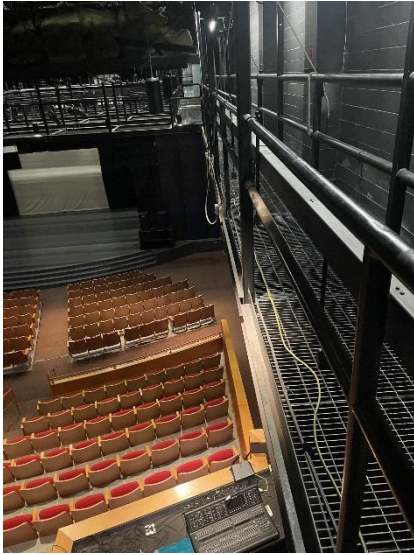
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217	1	217	D20E	ETC	Dimmer	217	Unknown	
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221	1	221	D20E	ETC	Dimmer	221	Unknown	
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226	1	226	D20E	ETC	Dimmer	226	Unknown	
227	1	227	D20E	ETC	Dimmer	227	Unknown	
228	1	228	D20E	ETC	Dimmer	228	Unknown	
229	1	229	D20E	ETC	Dimmer	229	Unknown	
230	1	230	D20E	ETC	Dimmer	230	Unknown	
231	1	231	D20E	ETC	Dimmer	231	Unknown	
232	1	232	D20E	ETC	Dimmer	232	Unknown	
233	1	233	D20E	ETC	Dimmer	233	Unknown	
234	1	234	D20E	ETC	Dimmer	234	Unknown	
235	1	235	D20E	ETC	Dimmer	235	Unknown	
236	1	236	D20E	ETC	Dimmer	236	Unknown	
237	1	237	D20E	ETC	Dimmer	237	Unknown	
238	1	238	D20E	ETC	Dimmer	238	Unknown	
239	1	239	AFM	ETC	Air Flow Module	239	N/A	Empty Lug
240	1	240	AFM	ETC	Air Flow Module	240	N/A	Empty Lug
241	1	241	AFM	ETC	Air Flow Module	241	N/A	Empty Lug
242	1	242	AFM	ETC	Air Flow Module	242	N/A	Empty Lug
243	1	243	AFM	ETC	Air Flow Module	243	N/A	Empty Lug
244	1	244	AFM	ETC	Air Flow Module	244	N/A	Empty Lug
245	1	245	AFM	ETC	Air Flow Module	245	N/A	Empty Lug
246	1	246	AFM	ETC	Air Flow Module	246	N/A	Empty Lug
247	1	247	AFM	ETC	Air Flow Module	247	N/A	Empty Lug
248	1	248	AFM	ETC	Air Flow Module	248	N/A	Empty Lug
249	1	249	AFM	ETC	Air Flow Module	249	N/A	Empty Lug
250	1	250	AFM	ETC	Air Flow Module	250	N/A	Empty Lug
251	1	251	AFM	ETC	Air Flow Module	251	N/A	Empty Lug
252	1	252	AFM	ETC	Air Flow Module	252	N/A	Empty Lug

Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
253	1	253	AFM	ETC	Air Flow Module	253	N/A	Empty Lug
254	1	254	AFM	ETC	Air Flow Module	254	N/A	Empty Lug
255	1	255	AFM	ETC	Air Flow Module	255	N/A	Empty Lug
256	1	256	AFM	ETC	Air Flow Module	256	N/A	Empty Lug
257	1	257	AFM	ETC	Air Flow Module	257	N/A	Empty Lug
258	1	258	AFM	ETC	Air Flow Module	258	N/A	Empty Lug
259	1	259	AFM	ETC	Air Flow Module	259	N/A	Empty Lug
260	1	260	AFM	ETC	Air Flow Module	260	N/A	Empty Lug
261	1	261	AFM	ETC	Air Flow Module	261	N/A	Empty Lug
262	1	262	AFM	ETC	Air Flow Module	262	N/A	Empty Lug
263	1	263	AFM	ETC	Air Flow Module	263	N/A	Empty Lug
264	1	264	AFM	ETC	Air Flow Module	264	N/A	Empty Lug
265	1	265	AFM	ETC	Air Flow Module	265	N/A	Empty Lug
266	1	266	AFM	ETC	Air Flow Module	266	N/A	Empty Lug
267	1	267	AFM	ETC	Air Flow Module	267	N/A	Empty Lug
268	1	268	AFM	ETC	Air Flow Module	268	N/A	Empty Lug
269	1	269	CC20	ETC	Constant Current	269	N/A	Empty Lug
270	1	270	CC20	ETC	Constant Current	270	N/A	Empty Lug
271	1	271	AFM	ETC	Air Flow Module	271	N/A	Empty Lug
272	1	272	AFM	ETC	Air Flow Module	272	N/A	Empty Lug
273	1	273	AFM	ETC	Air Flow Module	273	N/A	Empty Lug
274	1	274	AFM	ETC	Air Flow Module	274	N/A	Empty Lug
275	1	275	AFM	ETC	Air Flow Module	275	N/A	Empty Lug
276	1	276	AFM	ETC	Air Flow Module	276	N/A	Empty Lug
277	1	277	AFM	ETC	Air Flow Module	277	N/A	Empty Lug
278	1	278	AFM	ETC	Air Flow Module	278	N/A	Empty Lug
279	1	279	AFM	ETC	Air Flow Module	279	N/A	Empty Lug
280	1	280	AFM	ETC	Air Flow Module	280	N/A	Empty Lug
281	1	281	AFM	ETC	Air Flow Module	281	N/A	Empty Lug
282	1	282	AFM	ETC	Air Flow Module	282	N/A	Empty Lug
283	1	283	AFM	ETC	Air Flow Module	283	N/A	Empty Lug
284	1	284	AFM	ETC	Air Flow Module	284	N/A	Empty Lug
285	1	285	AFM	ETC	Air Flow Module	285	N/A	Empty Lug
286	1	286	AFM	ETC	Air Flow Module	286	N/A	Empty Lug
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288	1	288	AFM	ETC	Air Flow Module	288	N/A	Empty Lug

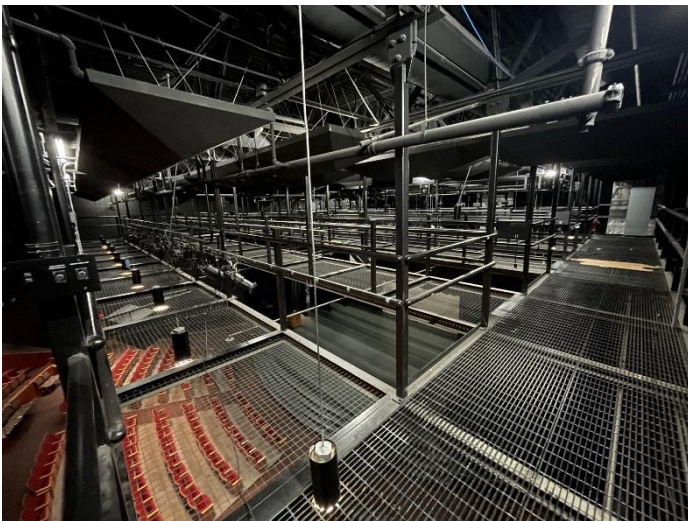
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301	11	1	S4WRD Color II	ETC	S4WRD Color II	1	SL CAT	DS
302	11	7	S4WRD Color II	ETC	S4WRD Color II	2	SL CAT	
303	11	13	S4WRD Color II	ETC	S4WRD Color II	3	SL CAT	
304	11	19	S4WRD Color II	ETC	S4WRD Color II	4	SL CAT	
305	11	25	S4WRD Color II	ETC	S4WRD Color II	5	SL CAT	
306	11	31	S4WRD Color II	ETC	S4WRD Color II	6	SL CAT	US
311	13	1	S4WRD Color II	ETC	S4WRD Color II	12	SR CAT	DS
312	13	7	S4WRD Color II	ETC	S4WRD Color II	13	SR CAT	
313	13	13	S4WRD Color II	ETC	S4WRD Color II	14	SR CAT	
314	13	19	S4WRD Color II	ETC	S4WRD Color II	15	SR CAT	
315	13	25	S4WRD Color II	ETC	S4WRD Color II	16	SR CAT	
316	13	31	S4WRD Color II	ETC	S4WRD Color II	17	SR CAT	US
321	15	1	S4WRD Color II	ETC	S4WRD Color II	31	CAT 1	HR
322	15	7	S4WRD Color II	ETC	S4WRD Color II	31	CAT 1	
323	15	13	S4WRD Color II	ETC	S4WRD Color II	23	CAT 1	
324	15	19	S4WRD Color II	ETC	S4WRD Color II	24	CAT 1	
325	15	25	S4WRD Color II	ETC	S4WRD Color II	25	CAT 1	
326	15	31	S4WRD Color II	ETC	S4WRD Color II	26	CAT 1	
327	15	37	S4WRD Color II	ETC	S4WRD Color II	27	CAT 1	
328	15	43	S4WRD Color II	ETC	S4WRD Color II	28	CAT 1	
329	15	49	S4WRD Color II	ETC	S4WRD Color II	29	CAT 1	
330	15	55	S4WRD Color II	ETC	S4WRD Color II	30	CAT 1	
331	15	61	S4WRD Color II	ETC	S4WRD Color II	42	CAT 1	
332	15	67	S4WRD Color II	ETC	S4WRD Color II	42	CAT 1	HL
341	16	1	Ovation E 910FC	Chauvet	15 CH Mode	23	CAT 1	HR
342	16	17	Ovation E 910FC	Chauvet	15 CH Mode	23	CAT 1	
343	16	33	Ovation E 910FC	Chauvet	15 CH Mode	25	CAT 1	
344	16	49	Ovation E 910FC	Chauvet	15 CH Mode	25	CAT 1	
345	16	65	Ovation E 910FC	Chauvet	15 CH Mode	30	CAT 1	
346	16	81	Ovation E 910FC	Chauvet	15 CH Mode	30	CAT 1	HL
351	16	97	Colorado 2 Quad Zoom	Chauvet	Tour	23	CAT 1	HR
352	16	109	Colorado 2 Quad Zoom	Chauvet	Tour	25	CAT 1	
353	16	121	Colorado 2 Quad Zoom	Chauvet	Tour	25	CAT 1	
354	16	133	Colorado 2 Quad Zoom	Chauvet	Tour	30	CAT 1	HL
355	25	1	Ovation B 565FC	Chauvet	2 Cell RGBAL Full 31CH	56	CAT 3	HR
356	25	32	Ovation B 565FC	Chauvet	2 Cell RGBAL Full 31CH	56	CAT 4	

Channel	U/	Address	Fixture	Manufacturer	Personality	Circuit	Location	Notes
357	25	63	Ovation B 565FC	Chauvet	2 Cell RGBAL Full 31CH	56	CAT 5	
358	25	94	Ovation B 565FC	Chauvet	2 Cell RGBAL Full 31CH	56	CAT 6	HL
361	20	1	Ovation B 2805FC	Chauvet	2 Cell RGBAL Full 31CH	79	1 LX	HR
362	20	32	Ovation B 2805FC	Chauvet	2 Cell RGBAL Full 31CH	79	1 LX	
363	20	63	Ovation B 2805FC	Chauvet	2 Cell RGBAL Full 31CH	79	1 LX	HL
371	22	1	Ovation B 2805FC	Chauvet	2 Cell RGBAL Full 31CH	108	2 LX	HR
372	22	32	Ovation B 2805FC	Chauvet	2 Cell RGBAL Full 31CH	108	2 LX	
373	22	63	Ovation B 2805FC	Chauvet	2 Cell RGBAL Full 31CH	108	2 LX	HL
380	24	1	Ovation B 565FC	Chauvet	2 Cell RGBAL Full 31CH	144		
381	24	32	Ovation B 2805FC	Chauvet	10 Cell RGBAL 50CH	144	3 LX	HR
382	24	82	Ovation B 2805FC	Chauvet	10 Cell RGBAL 50CH	144	3 LX	
383	24	132	Ovation B 2805FC	Chauvet	10 Cell RGBAL 50CH	144	3 LX	HL
384	24	182	Ovation B 565FC	Chauvet	2 Cell RGBAL Full 31CH	144		
401	19	1	Lonestar	High End Systems	Standard Pan 630	80	1 LX	HR
402	19	49	Lonestar	High End Systems	Standard Pan 630	80	1 LX	
403	19	97	Lonestar	High End Systems	Standard Pan 630	80	1 LX	
404	19	145	Lonestar	High End Systems	Standard Pan 630	80	1 LX	HL
411	21	1	Lonestar	High End Systems	Standard Pan 630	97	2 LX	HR
412	21	49	Lonestar	High End Systems	Standard Pan 630	97	2 LX	
413	21	97	Lonestar	High End Systems	Standard Pan 630	98	2 LX	
414	21	145	Lonestar	High End Systems	Standard Pan 630	98	2 LX	HL
421	23	1	Lonestar	High End Systems	Standard Pan 630	133	3 LX	HR
422	23	49	Lonestar	High End Systems	Standard Pan 630	133	3 LX	
423	23	97	Lonestar	High End Systems	Standard Pan 630	134	3 LX	
424	23	145	Lonestar	High End Systems	Standard Pan 630	134	3 LX	HL

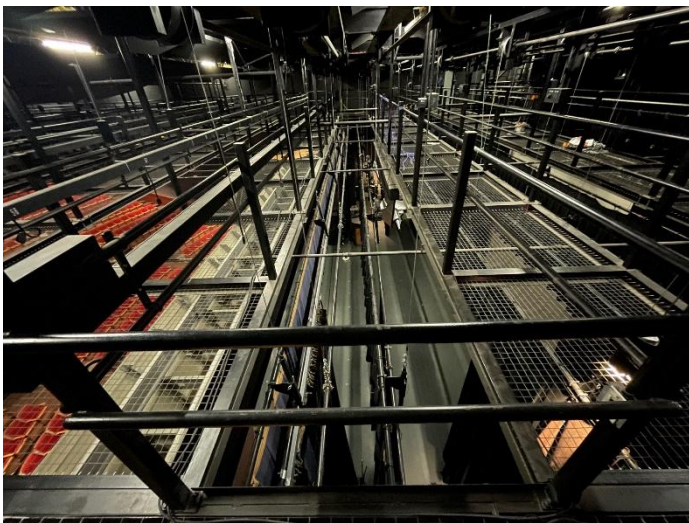
APPENDIX E: GRID PICTURES



This catwalk runs up and downstage out in the house. There is Schedule 40 pipe at waist height that lighting instruments can hang from.



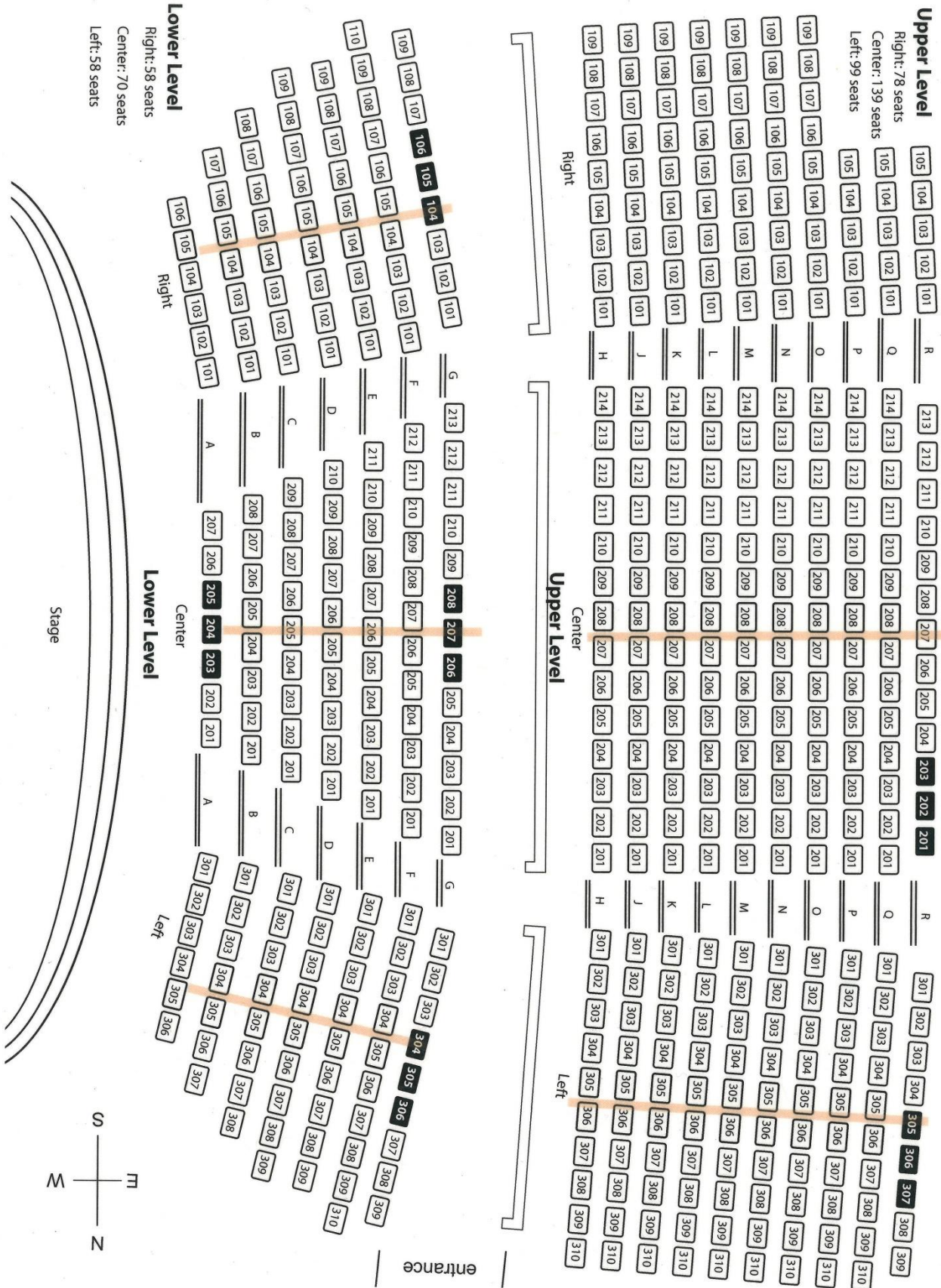
This is the grid/catwalk system for the theater. The ends of the catwalks serve as box boom positions.



This is the grid/catwalk system for the theater. The ends of the catwalks can serve as high side positions over the stage.

Gem Theater: seating guide

room capacity = 502



APPENDIX H: COMPANY POLICIES

Company Policies

The Gem Theater for the Performing Arts has adopted the following policies and guidelines to help ensure the longevity of the facility and onsite properties, as well as upholding safety of all persons inside the center. We ask that everyone using the building uphold the following items. The Gem Staff will work closely with your organization to assist in safely coordinating all of your staging needs, and can help refine guidelines when feasible. Please note that additional guidelines may be adopted and enforced when necessary. Thank you for your cooperation.

General

- The building is smoke-free. Designated smoking areas are located outside the loading dock at the stage level, and outside the stage door a floor above stage level. We ask that you please use receptacles provided for butts. Smoking onstage is only permitted as part of a performance and must have approval of KCPA staff and fire marshal.
- If food and/or beverages are to be provided for visiting company personnel, receptions, post-show celebrations, etc., all food must be cleaned up and disposed into bags, and bags taken out to dumpster at the end of the night.
- Any signs posted on Gem walls and doors need to be put up with painters tape, and must be removed at the end of an event. Additional decorations or signage needs to be approved through Gem staff. Expenses for any damages incurred by the violation of this rule will be the responsibility of the party causing the damage.
- Egress paths must be maintained at all times. Additionally, all outside doors, passenger elevators, stairwells, hallways, and house aisles must have a clear path maintained at all times.
- Loaded firearms and weapons are prohibited in all Gem spaces.
- The AJM Security will lock backstage areas each night, and open spaces at the start of each day. We strongly encourage all personal items not be left in dressing rooms. American Jazz Museum and the Gem Theater assumes no responsibility for valuables or personal property left in the facility.
- When you leave the building you must take everything with you. All set pieces, vendor stock, costumes and props. AJM is not responsible for items left behind. The only exception are items to be shipped and you must box, tape securely and provide a shipping label and arrange pickup.
- Deliveries of equipment by third parties must be scheduled with Operations Department in advance, and should be addressed to Donna Miller-Brown. Failure to abide this policy may result in the delivery being declined.
- Minors will not be allowed in either theatre without a sufficient number of chaperones onsite. You must provide a minimum of one ADULT chaperone for every twenty minors.

Production

- Organizations shall follow all fire code regulations regarding public performance, including the use of flame-resistant materials for scenic or design purposes.
- No major painting should occur inside the stage house, inner scenery, or dock. Only touch-up painting permitted in the building. Please use necessary materials (drop cloths, etc.) to ensure tidy painting. Cleaning of paint materials should be restricted to sink.....
- The Gem does not have extra space to house outside equipment before or after your production. Please make sure all deliveries prior to load-in have been approved in advance by an Operation team member. All equipment should be removed at load-out.
- Please provide your own stage manager to give cues for all rehearsals and performances.
- Any damaged equipment must immediately be brought to the attention of Gem staff.

Lighting

- Stage electric towers (booms, tirms) over 10' must be tied to the grid and base weighted.

Audio

- Gem Microphones must be checked out via on-staff Sound technicians and check back in at the end of your event.
- Gem staff reserves the right to determine the final maximum sound level for any event.
- Audio presets in console cannot be recorded over.

Stage

- Cutting into the stage deck (for automation, guide tracks, etc.) is strictly prohibited.
- Fastening into the stage floor also prohibited.
- Fastening/drilling into walls is not permitted.
- All special effects need to be brought to the attention of Gem during advance of your production. The use of smoke machines, fog machines, pyrotechnic equipment, flash paper, gun powder, starter pistols, candles, cigarettes, all types of flame, incense, and so on, will require us to turn off smoke alarm sniffers.
- Food and beverages are not allowed in the house, inclusive of tech tables, and organization personnel.