

Technical Specifications

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Backstage Fax: (765) 285-2043

LOADING DOCK

The loading dock is 2' 10" above ground level and is stage level. Stage entrance door is 10' x 10'. The loading dock area can accommodate two trucks at the dock and parking for three buses near the stage entrance.

STAGE

Proscenium: 85' wide x 30' high

Stage depth: Proscenium wall to back wall = 40'

Apron to back wall: 60'

Wing space: Stage right = 30' Stage left = 30'

Overall width of stage: 145'

Size of apron: 4' deep x 85' wide'

Size of orchestra pit: 14.5' depth in center & 9.5' depth at ends x 60' width height is adjusted by hydraulics

Height from floor to grid: 76'

Distance from proscenium to F.O.H. light positions: 75'

Distance from proscenium to spot light booths: 160'

Distance from proscenium to balcony overhang: 101'

Distance from B.O.H. to orchestra pit lip: 113'

Distance from upstage pit to Act Curtain: 7' 1"

LOCKING RAIL

Counterweight system located stage right

54 lines on 8" centers

15' Arbors

92' Battens

Maximum load per batten = 1500 lbs. (Line plot attached)

PROPERTIES

65 - Music stands (Manhasset)

70 - Music stand lights

80 - Music chairs

Conductor's podium

Orchestra pit carpet

6 - 6" x 4' x 8' riser platforms

8 - 12" x 4' x 6' riser platforms

10 - 18" x 4' x 6' riser platforms

10 - 24" x 4' x 6' riser platforms

19 - 30" x 4' x 6' riser platforms

2 - 24" x 4' x 8' riser platforms

1 - Baldwin 9' concert grand piano

1 - Steinway & Son's concert grand piano

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DRESSING ROOMS

Two chorus rooms located below stage can accommodate 20 each.

Three star dressing rooms are at stage level (2 stage left and 1 stage right).

Rooms are equipped with make-up tables, mirrors, lights, chairs, showers, toilets and sinks.

NOTE: Star dressing room stage right does not have shower and is usually used as visiting technical office.

Laundry room located below stage near dressing rooms w/2 washers, 2 dryers, 2 steamers & 2 irons.

SOUND EQUIPMENT - CONTACT CHRISTIAN O'BRIAN FOR MORE INFORMATION

House Sound: FOH

Soundcraft MH4 (FOH mode)

48 + 4 inputs, L-C-R, 8 out matrix

Outboard Gear: Lexicon, dbx, BSS, Tascam

Monitor Console: Yamaha PM 3500, 32+4 inputs w/8 aux sends

Console is located at center under balcony.

There is secondary platform (21' w x 11' d) at the back wall for traveling shows.

House Mains:

Center Cluster: 6 - JBL Vertec 4888

L/R Clusters: 8 - JBL Vertec 4888 DP (optional)

Subs: 8 - JBL Single 18"

Front Fills: 8 - JBL MS 26

Under Balcony: 8 - JBL Control 29

Stage Side Fills:

4 - JBL Full-range side fills

Miscellaneous:

All 64 inputs are split pre-input and terminate off stage left.

Dual channel Clear-Com system (A,B & 2 dry lines)

Cast call and Program to dressing rooms, green room operating booths and off stage.

SOFT GOODS INVENTORY:

<u>LEGS (TRAVELER)</u>	<u>BORDERS</u>	<u>FULL B.O. CURTAINS</u>
# of pairs: 4	4 @ 15 x 92	Quantity: 1
Size: 35 x 40	1 @ 15 x 60	Size: 35 x 60
Color: Black	Color: Black	Color: Black
<u>FULL TRAV. CURTAINS</u>	<u>SCRIM</u>	<u>CYC</u>
Quantity: 2	Quantity: 1	Quantity: 1
Size: 35 x 80	Size: 30 x 40	Size: 40 x 80
Color: Black	Color: Black	Color: White

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LIGHTING CONTROL

We have a ETC EMPHASIS with 2-INSIGHT faceplates. There is an ETC Network with DMX Nodes (4 assignable DMX ins or outs) located SL, SR, Dimmer Room, & Control Booth. Either the Unison system or the light board can control House Lights. We have a Wholehog III Console that is available at an additional cost.

Dimmer per circuit:

311 - 20 amp circuits broken up as follows:

48 - Circuits at FOH Position

28 - Circuits on batten#5

28 - Circuits on batten#15

20 - Circuits batten #34

18 - Circuits on each of the following battens: #9, 21, 30, 43, 50

32 - Circuits in floor pockets on S.R.

32 - Circuits in floor pockets on S.L.

NOTE: All 48 FOH circuits are accessible at stage manager's panel S.R. for transfer patch use. (3 pin stage connectors)

There is a secondary platform (21'w x 11'd) at the back wall for traveling shows.

Instruments:

38 - 19 degree Source 4 (FOH)

8 - 10 degree Source 4(FOH)

50 - 1k 8" Fresnels (Century)

12 - 2k 12" Fresnels (Century)

12 - 1k 6X12 Lekos(Altman)

7 - 1k 6X9 Lekos (Altman)

12 - 1k 30 degree (6X12) Lekos (Kliegl)

11 - 1k 20 degree (6X16) Lekos (Kliegl)

50 - Altman Par 64's

35 - Source 4 Pars

5 - 1k 4 color Far Cycs (Berkley Colortran)

28 - 36 degree Source 4

28 - 26 degree Source 4

8 - Martin MAC 2000 Profiles (available at an additional cost)

4 - Martin MAC 600 Wash

1 - DF-50 Reel FX Hazer

Spotlights:

2 - 2.0K Xenon Strong Super Trouper

Power Distribution:

All with Cam-Lock or lugs for tie-in

Located in basement Down Right (accessible through flr. pocket):

2-400 amp 120/208

Located Up Right within 50' of center:

400 amp 120/208

200 amp 120/208

Located Down Left:

200 amp 120/208

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Emens Auditorium BATTENS LINE SET LIST

PIPE	DIST.	DESCRIPTION	PIPE	DIST	DESCRIPTION
1		Grand Border	31	18' 8"	*
2		House Legs	32	19' 4"	*
3	0' 0"	Act Curtain	33	20' 0"	*
4	0' 8"	*	34	20' 8"	Elect (20 circuit)
5	1' 4"	Elect (28 circuits)	35	21' 4"	*
6	2' 0"	*	36	22' 0"	*
7	2' 8"	*	37	22' 8"	*
8	3' 4"	*	38	23' 4"	Legs / Full Travler
9	4' 0"	Elect (18 circuits)	39	24' 0"	Legs
10	4' 8"	Legs / Full Traveler	40	24' 8"	*
	5' 4"	Shell Winch		25' 4"	Shell Winch
	6' 0"	Shell Winch		26' 0"	Shell Winch
13	6' 8"	Border	43	26' 8"	Elect (18 circuit)
14	7' 4"	*	44	27' 4"	*
15	8' 0"	Elect (28 circuits)	45	28' 0"	*
16	8' 8"	*	46	28' 8"	Border
17	9' 4"	*	47	29' 4"	Legs
18	10' 0"	Border	48	30' 0"	*
19	10' 8"	Legs	49	30' 8"	*
20	11' 4"	*	50	31' 4"	Elect (18 circuit)
21	12' 0"	Elect (18 circuits)	51	32' 0"	*
22	12' 8"	*	52	32' 8"	*
23	13' 4"	*	53	33' 4"	*
24	14' 0"	Black Out	54	34' 0"	*
25	14' 8"	*	55	34' 8"	*
	15' 4"	Shell Winch	56	35' 4"	CYC
	16' 0"	Shell Winch	57	36' 0"	Black Out
28	16' 8"	Border	58	26' 8"	Storage Only
29	17' 4"	Legs	59	37' 4"	Storage Only
30	18' 0"	Elect (18 circuits)	60	38' 0"	Storage Only

* - Spare