

**SANDLER CENTER for the PERFORMING ARTS
GENERAL TECHNICAL INFORMATION**

LOAD-IN DOORS:

12' Wide X 18' High, Located on Stage Left within 20' of the Loading Docks

STAGE DIMENSIONS:

Proscenium Width- 45'-0" min., 55'-0" max. Adjustable

Proscenium Height- 30'-6"

Depth from Plaster Line- 45'

Depth of Lip- 6' From Plaster Line

Left Wing Space- 19' X 45'

Right Wing Space- 19' X 45'

STAGE SURFACE:

Sprung, with Masonite Deck

Traps- 5 @ 4' X 8' each, 3 DS parallel to PL, 1 @ 12' US and 1 @ 20' US, both Centered on CL.

DANCE FLOOR:

Harlequin Cascade Black/Grey Surface, 6 Panels

78.5" wide X 60' Long (1 of the Panels is trimmed to 55' long to fit our Proscenium opening)

ORCHESTRA PIT:

Approx. 12' X 45'

Lift Capability- 50lbs. per sq.ft. Gala Lift, Spiral Mech.

Action (appx. 4,000lbs total lifted)

Orchestra Shell - Wenger Diva, various configurations

PIANOS:

1- Steinway Model 'D' – 9' Grand, Black Finish

1-Boston upright spinett

1- Yamaha 5' Baby Grand (Lobby)

PROJECTOR/SCREEN:

Digital Projection M- Vision – 21000 lumen projector
Stewart 38' X 17' Film Perf Screen

RIGGING SYSTEM:

Capability to hang Chain Motors in various locations in
Gridiron
Forestage Rigging Platform- 45' wide (22.5' each side of
CL) 10' DS of Proscenium
Chain Hoists-4 CM Lodestar's 2@1 Ton, 2@1/2 Ton
Fly System- 50 Single Purchase Linesets- Some are
permanently assigned to Concert Shell and Screen (See
Hanging Schedule).

RIGGING SYSTEM (Cont.):

Operating Gallery- On Deck Located Stage Right
Mid Gallery – 21'-0"
Loading Galleries- Lower- 58'-9" Upper- 66'-9"
Lighting Gallery-Stage Left- 21'-0"
Grid Iron- 75'-0"
Roof Beam- (Bottom)- 82'-0"

SOFT GOODS:

2 Scrim- 1 Black and 1 White
2 Cyclorama- Leno Bounce
1 Stage Traveler, Pair, 50% fullness
4 Sets of Legs, No Fullness
4 Borders
House Main on Traveler and Guillotine.
Valence

*Available bottom pipe is $\frac{3}{4}$ " and comes in the following lengths:
(4) @ 21'; (1) @ 19'; (15) @ 10'; (2) @ 5'

POWER:

3 Services Located Up Stage Left
2 @ 400Amps per leg 3 Phase- 5 Wire - Cam Locks (N & G
are Male)
1 @ 100 Amps per leg 3 Phase- 5 Wire – Bare Wire

THROW DISTANCES:

Cat 1- 40'
Cat 2- 60'
Cat 3- 85'
Balc.Rail- 82'
Spot Booth- 120'

Lighting Instrument Inventory

<u>Instrument</u>	<u>Qty</u>	<u>Lamp</u>
10 Degree Source 4 -	30	HPL575/115X
19 Degree Source 4 -	50	HPL575/115X
26 Degree Source 4 -	50	HPL575/115X
36 Degree Source 4 -	40	HPL575/115X
50 Degree Source 4 -	20	HPL575/115X
Source 4 PAR EA -	40	HPL575/115X

ADJ Encore Z7LP zoom Pars QTY- 6
*availbe at an additional cost

Selecon Aurora 3 cell Cyclight - Qty-10

ADJ WiFLY EXR HEX5 IP Battery Powered LED Par – Qty-16 *
availbe at an additional cost

L&E MR-16 6' MiniStrip, 3 Circuit – Qty-16
Altman Spectracyc 200 – Qty 9 *additional cost
Ayrton Ghibli moving lights – Qty 4 *additional cost
Lustr3 Souce 4 Leko – Qty 10 *additional cost

Robert Juliet Long Throw Follow Spots – Qty 2
Strong Super Trouper – Medium – 1.6K Xenon – Qty -2

1-Control – ETC Ion 2000 with 2x20 Fader Wing.
1-ETC Gio@ 5
DMX Opt10 splitters -2
Le Maitre Radiance hazers- 2
2 x 20 Amp ETC Relay Modules- 8

NODES:

EP 4 Netron four port ether DMX - 1

Pathway 2 port DMX - 2

EP 2 Netron 2 port DMX - 4

Circuiting – DPC with 482 ETC 20A 2.4K Dimmers

And 8 ETC 50A 6.0K Dimmers

(Circuit schedule on separate sheet)

Accessories

60 S-4 Top Hats

20 S-4 Par 4 Leaf Barndoors w/Color Extender

10 S-4 Drop-In Iris

25 S-4 Pattern Holders 'B' Size

10 S-4 Pattern Holders 'A' Size

Circuit Distribution

LOCATION	# of CIRCUITS	20AMP CIRCUIT #'s	50AMP CIRCUIT #'S
Follow Spot Booth	3@20A., 2@50A	1 Thru 3	560-561
Catwalk 3	30 @ 20A.	4 Thru 13 14 Thru 23 24 Thru 33	
Catwalk 2	30 @ 20A.	34 thru 43 44 thru 53 54 thru 63	
Catwalk 1	15 @ 20A.	64 thru 69 70 thru 75 76 thru 81	
Box Booms House Right			
Upper Level U.S	6 @ 20A.	82 thru 87	
Upper Level D.S.	6 @ 20A.	88 thru 93	

Mid Level U.S.	6 @ 20A.	106 thru 111	
Mid Level D.S.	6 @ 20A.	112 thru 117	
Lower Level U.S.	6 @ 20A.	130 thru 135	
Additional Circuits Lower Level	6 @ 20A.	136 thru 141	
Box Booms House Left			
Upper Level U.S.	6 @ 20A.	94 thru 99	
Upper Level D.S.	6 @ 20A.	100 thru 105	
Mid Level U.S.	6 @ 20A.	118 thru 123	
Mid Level D.S.	6 @ 20A.	124 thru 129	
Lower Level U.S.	6 @ 20A.	142 thru 147	
Additional Circuits Lower Level	6 @ 20A.	148 thru 153	
Lower Balcony Rail	3@20A., 2@50A.	154 thru 156 157 thru 159 160 thru 162	564 thru 565
Orchestra Pit Left	4 @ 20A.	163 thru 166	
Orchestra Pit Right	4 @ 20A.	167 thru 170	
Trap Room	4 @ 20A.	171 thru 174	
Down Stage Left	6 @ 20A.	175 thru 180	
Down Stage Right	6 @ 20A.	181 thru 186	
Up Stage Left	12@20A., 2@50A.	187 thru 198	566 thru 567
Up Stage Right	20 @ 20A.	199 thru 206 207 thru 218	
1st Electric	30 @ 20A.	219 thru 248	
Mid Gallery Stage Left	6 @ 20A. 6 @ 20A. 54 @ 20A. 53 @ 20A. 59 @ 20A.	417 thru 422 423 thru 428 363 thru 416 309 thru 362 249 thru 308	
Mid Gallery Stage Right	5 @ 20A. 5 @ 20A. 12 @ 20A. 12 @ 20A. 12 @ 20A.	465 thru 470 471 thru 476 429 thru 440 441 thru 452 453 thru 464	
Grid	6@20A., 1@50A.	477 thru 482	568
Projection Booth	2 @ 50A.		562 thru 563

HOUSE AUDIO PROCESSING and EFFECTS

House Console – Yamaha CS-R5 38-fader Control Surface for RIVAGE PM System with 3 x 15-inch Touch-panel Displays, 38 Faders, Selected Channel Section, 8-in/8-out Analog I/O, 2 Mini-YGDAI Slots, 8-in/8-out GPI I/O, MIDI I/O, Direct Flash Drive Recording, and Dual Redundant Power Supplies. Yamaha DSP-RX RIVAGE PM series DSP (Small). YAMAHA RIO3224-D2 & RIO1608-D2.

**Monitor Console – Yamaha PM5D- RH
Supplemental Consoles – Yamaha M7CL-32, Yamaha DM3 (racked), LS-9, 01v96, 1402VLZ**

SPEAKER INVENTORY

House Speakers

**Mains – Nexo 1210 Line Arrays – 7ea 1210's and 2ea 1230's. 2 Arrays- 1Left and 1 Right
BSS SoundWeb BLU-80- Audio Distribution & Delay
BSS SoundWeb BLU-36- Audio Distribution & Delay**

**Proscenium Center – Meyer CQ1 (1)
Subs – Meyer HP600 (2) Renkus Heinz CF2185 (2)**

**Side Fills – Innovox LA1425 Line Array (Cheek Walls) (4)
Stage Lip – Meyer MM-4 (12)
Pit Rail – E.V. 405-8H (90)
Under Mezzanine Fills – Meyer MM-4 (7)
Above Balcony Fills – EAW JF290z (4)**

Monitors:

**Meyer UM-1P (2)
EAW SM-159ZI (2)
EAW SM-129ZI (2)
QSC K12 (4)**

Side Fills/Portables:

**Meyer CQ-2 (2)
EAW FR-159z (1)
EAW FR129z (2)
EAW JF-100E (2)**

Amplifiers (all racked/patchable):

**Nexo MX 4X4 Amplifiers and Processors
QSC CX2 and CX4 Series for Monitors
Ashly KLR-2000 (2) for Renkus subs**

MICROPHONE INVENTORY

Wired Mics

<u>Qty</u>	<u>Mfr</u>	<u>Model #</u>	<u>Type</u>
2	AKG	C214B	Condenser
3	Shure	Beta 98 A/C	Cardioid Cond.
1	Shure	Beta 52A	Dynamic Cardioid
1	Shure	Beta 91A	Dynamic Cardioid
2	Shure	SM-87A	Cardioid Cond. H/H
3	Shure	KSM-109/SL	Cardioid Cond. Inst
2	Shure	Beta-57A	Dynamic Cardioid Inst/Voc
1	Shure	Beta-58 MR	Dynamic Cardioid Voc
6	Shure	SM-57	Dynamic Cardioid Inst.
4	Shure	SM-58 LC	Dynamic Cardioid Voc
2	Sennheiser	MD-421-II	Dynamic Cardioid Inst.
1	Audix	Fusion	Drum Mic Kit
4	Crown	PCC-160	Cardioid Cond. Floor Mics
5	Audio Technica	AT 853 RX	Miniature Cardioid Cond.
2	Countryman	Type 85	Direct Boxes
2	Radial	Pro 48	Direct Boxes
2	Whirlwind	PCDI	Direct Boxes
1	Shure Wireless Active Antenna Distribution System		
2	Shure	SM81	Condenser

Wireless Mics

4	Shure	ULX P4	Wireless Mic Receivers (installed)
2	Shure	ULX P4	Wireless Mic Receivers (portable)
5	Shure	ULX-1	Belt Pack Transmitters
3	Shure	ULX-2/58	Handheld Transmitters with SM-58
2	Shure	ULX-2/Beta 87C	Handheld Transmitters w/Beta 87C
3	Countryman B3 (Black) Lavalier Mics- Omni.		
1	Countryman B3 (Tan) Lavalier Mics- Omni.		
2	Shure ULXD2 Wireless Mic Receivers (Portable)		
2	Shure	ULXD/SM58	Wireless Handheld Transmitters
2	Shure	ULXD/B58	Wireless Handheld Transmitters
2	Shure	ULXD	Wireless Bodypack Transmitter

Mic Stands and Booms

12	AKG/Atlas	Tall Tripod Boom Stands
4	AKG/Atlas	Heavy Round-Base Upright Stands
7	AKG/Atlas	Light Round-Base Uprights
9	AKG/Atlas	Short Tripod Booms
2	Atlas	Boom Arms
4	Atlas	Desk Stands

HEADSETS

Clear-Com MS-440	Base Station (installed in SM Rack DSR)
Clear-Com RM-440	Base Station (portable)
Clear-Com CC-300	Headsets (2) Single Muff
Clear-Com CC-95	Headsets (8) Single Muff
Clear-Com RS-601	Belt Packs (8) Single Channel
Clear-Com RS-701	Belt Packs (4) Single Channel
Clear-Com HS-6	Handset (1) Telephone Style
Telex BTR 700	Wireless Com Station (controls 4 units)
Clear-Com CC-15	Headsets (2) for wireless beltpacks
Hollyview system	Wireless Headsets and Com Beltpacks (4)

PLATFORMS AND RISERS

Stage Right Z800 Riser Equipment

***12ea 4'x8' x 24"-32" Adjustable Ht. legs w/Screw Feet**

***12ea 4'x8' x 16"-24" Adjustable Ht. legs w/Screw Feet**

***12ea 4'x8' x 12"-16" Adjustable Ht. legs w/Screw Feet**

***12ea 4'x8' x 8" Fixed Ht. legs w/Screw Feet**

***24 Reversible Decks with Poly Trac/Gray Carpet Surfaces, Black Anodized Edge**

***Although we have 48 frames in 4 different heights, we only own 24 decks, which limits us to 24 usable platforms at any given time.**

8 each 8' Adjustable Black Janus Clip-On Skirting in 24"-32", 16"-24" and 12"-16" lengths

4 each 8'x8" High Black Janus Clip-On Skirting

2ea 1-Step Folding Adjustable Stair with No Handrails, Aluminum Stair Tread

2ea 2-Step Folding Adjustable Stair with No Handrails, Aluminum Stair Tread

2ea 2-Step Folding Adjustable Stair with Handrails, Aluminum Stair Tread

1ea 3-Step Folding Adjustable Stair with Handrails, Aluminum Stair Tread

ITEMS HIGHLIGHTED IN YELLOW CANNOT BE MOVED

HANGING SCHEDULE

Lineset	Description	Dist. To Set	Dist. To HdBlk	Batten Length	Capacity
FC	Fire Curtain	0'-73/4"	N/A	N/A	12,000 Lb.
1	Valence	1'-4"	1'-2"	63'-0"	2200 Lb.
2	Main Curtain	2'-0"	1'-10"	64'-6"	2200 Lb.
3	Shell Elec. # 1	2'-8"	2'-6"	63'-0"	2200 Lb.
4	Electric # 1	3'-8"	3'-10"	63'-0"	3250 Lb.
5	Border # 1	4'-8"	4'-6"	63'-0"	2200 Lb.
6	Legs # 1	5'-4"	5'-2"	63'-0"	2200 Lb.
7	Movie Screen	6'-0"	5'-10"	63'-0"	2200 Lb.
8	G.P. # 1	6'-8"	6'-6"	63'-0"	2200 Lb.
9	Shell Ceiling # 1	8'-0"	7'-10"	63'-0"	3100 Lb.
10	G.P. # 2	9'-4"	7'-2"	63'-0"	2200 Lb.
11	Border # 2	10'-0"	9'-10"	63'-0"	2200 Lb.
12	Legs # 2	10'-8"	10'-6"	63'-0"	2200 Lb.
	Purlin	11'-0"			
13	Electric # 2	12'-0"	11'-10"	63'-0"	2200 Lb.
14	G.P. # 3	12'-8"	12'-6"	63'-0"	2200 Lb.
15	Shell Elec # 2	13'-4"	13'-2"	63'-0"	2200 Lb.
16	G.P. # 4	14'-0"	13'-10"	63'-0"	2200 Lb.
17	G.P. # 5	14'-8"	14'-6"	63'-0"	2200 Lb.
18	G.P. # 6	15'-4"	15'-2"	63'-0"	2200 Lb.
19	G.P. # 7	16'-0"	15'-10"	63'-0"	2200 Lb.
20	Border # 3	16'-8"	16'-6"	63'-0"	2200 Lb.
21	Legs # 3	17'-4"	17'-2"	63'-0"	2200 Lb.
22	Shell Ceiling # 2	18'-8"	18'-6"	63'-0"	3100 Lb.
23	Electric #3	20'-0"	19'-10"	63'-0"	2200 Lb.
24	G.P. # 8	20'-8"	20'-6"	63'-0"	2200 Lb.
25	Midstage Black, Traveler Track	21'-4"	21'-2"	63'-0"	2200 Lb.
26	G.P. # 9	22'-0"	21'-10"	63'-0"	2200 Lb.
	Purlin	22'-4"			
27	G.P. # 10	23'-4"	23'-2"	63'-0"	2200 Lb.
28	Shell Elec. # 3	24'-0"	23'-10"	63'-0"	2200 Lb.
29	G.P. # 11	24'-8"	24'-6"	63'-0"	2200 Lb.
30	Border #4	26'-0"	25'-10"	63'-0"	2200 Lb.

31	Legs # 4	26'-8"	26'-6"	63'-0"	2200 Lb.
32	Electric #4	28'-0"	27'-10"	63'-0"	2200 Lb.
33	Shell Ceiling # 3	29'-4"	29'-2"	63'-0"	3100 Lb.
34	G.P. # 12	30'-8"	30'-6"	63'-0"	2200 Lb.
35	Border # 5	32'-0"	31'-10"	63'-0"	2200 Lb.
36	Legs # 5	32'-8"	32'-6"	63'-0"	2200 Lb.
37	Black Scrim Purlin	33'-4" 33'-8"	33'-2"	63'-0"	2200 Lb.
38	Shell Elec # 4/ Aurora Cyc Lights	34'-8"	34'-6"	63'-0"	2200 Lb.
39	G.P. # 14	35'-4"	35'-2"	63'-0"	2200 Lb.
40	White Cyclorama (flat)	36'-0"	35'-10"	63'-0"	2200 Lb.
41	Border	36'-8"	36'-6"	63'-0"	2200 Lb.
42	Electric # 5 (LED Cyc)	37'-4"	37'-2"	63'-0"	2200 Lb.
43	Legs # 6	38'-0"	37'-10"	63'-0"	2200 Lb.
44	G.P.	38'-8"	38'-6"	63'-0"	2200 Lb.
45	G.P. # 15	39'-4"	39'-2"	63'-0"	2200 Lb.
46	G.P. # 16	40'-0"	38'-10"	63'-0"	2200 Lb.
47	White Cyclorama (flat)	41'-4"	41'-2"	63'-0"	2200 Lb.
48	Full Stage Black	42'-0"	41"-10"	63'-0"	2200 Lb.
49	SR Tab (non-operational)				
50	SL Tab (non-operational)				

DRAPERY SCHEDULE

Description	Finished Size	Material	Fullness	Color
Fire Curtain	33'-1" H x 60'-8" W	CSC-G2WC	N/A	Natural
Valance	12'-0" H x 60'-0" W	25 Oz. Velour	75%	SBA
House Curtain	2 ea 34'-0" H x 33'-6" W	25 Oz. Velour	75%	SBA
Tab Legs	6 ea. 30'-0" H x 20'-0" W	21 Oz. Velour	0%	Black
Borders	6 ea. 12'-0" H x 60'-0" W	21 Oz. Velour	0%	Black
Scrim #1	30'-0" H x 60'-0" W	Sharkstooth	N/A	White
Scrim #2	30'-0" H x 60'-0" W	Sharkstooth	N/A	Black
Traveler	4 ea. 30'-0" H x 33'-0" H	21 Oz. Velour	50%	Black
Cyclorama	30'-0"H x 60'-0" W	Leno	N/A	White
S.L. Masking Leg	4 ea. 30'-0" H x 12'-0" W	21 Oz. Velour	0%	Black
S.R. Masking Leg	4 ea 30'-0" H x 12'-0" W	21 Oz. Velour	0%	Black
Cyclorama #2	30'-0"H x 60'-0" W	Leno	N/A	White

SANDLER CENTER for the PERFORMING ARTS DRESSING ROOM ACCOMODATIONS

ROOM #	SEATING	SINKS	SHOWERS	TOILETS	SQ. FT.
B 122	2	1	1	1	60
B 124	4	1	.5	1	80
B 126	4	1	.5	1	60
B 130	2	1	1	1	40
B 221	16	2	1	2	120
B 224	16	2	2	2	100
B 227	4	1	.5	1	72
B 230	4	1	.5	1	72

Rooms with 100 series numbers are on the 1st floor, 200 series is on the 2nd floor. Seating number also indicates the number of lighted make-up mirror stations. Shower designation ".5" indicates shared shower room with next door dressing room. Doors lock for privacy.