



**P E A R S O N**  
**LAKES ART CENTER**

# Technical Facilities Description

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## Lauridsen Performing Arts Theatre

Pearson Lakes Art Center, Okoboji Iowa

Update 1/31/2011

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Document contains all technical specifications for the Lauridsen Performing Arts Theatre, with architectural drawing of the stage, and seating chart of the house.



## STAGE RAIL LAYOUT

LINE SET NUMBER	LOCATION OF HAND WINCH	PERMANENT RIGGING
1	Stage Left Rail	Teaser
	Stage Right	House Curtain –Motorized
2	Stage Left Rail	1 <sup>st</sup> Electric
3	Stage Left Rail	8' Border
4	Stage Right Rail	2 <sup>nd</sup> Electric
5	Stage Left Rail	
6	Stage Right Rail	
7	Stage Left Rail	8' Border
8	Stage Right Rail	3 <sup>rd</sup> Electric
9	Stage Left Rail	
10	Stage Right Rail	4 <sup>th</sup> Electric
11	Stage Right Rail	Border
12	Stage Right Rail	Scrim
13	Stage Left Rail	Cyclorama

## INTERCOM HEADSETS

CLEAR-COM      2-channel headset system  
CS-222 base station with 3 outputs per channel  
6 - 501 single channel belt packs  
4 - KB111A speaker stations  
6 - CC75B Clear-Com single-muff headsets  
2 - CC240B Clear-Com double-muff headsets

## **SOUND SYSTEM**

<b>SOUND CONSOLE</b>	Crest X-Four 32 Audience level mixing desk located at back of auditorium
<b>PLAYBACK</b>	MARANTZ PMD331 – CD TASCAM 122MKIII – Cassette
<b>RECORDING/ PLAYBACK</b>	TASCAM CD-RW2000 – CD Recorder
<b>HOUSE SPEAKERS</b>	Main cluster, stereo pair at side of proscenium arch
<b>MICROPHONES</b>	32 microphone lines, 24 microphone line splitter. Mic lines routed to stage or house booth 1 - Shure Beta SM 87A - Best Vocal 4 - Shure Beta SM 58A - Vocal 4 - Shure Beta SM 57A - Vocal and Instrument 2 - Shure SM 81 - Piano or Drum Overhead 1 - EV RE20 - Bass Instrument or Bass Drum 2 - Sennheiser MD 421 – Drums 3 - Crown PCC-160 - Floor Microphones 1 - Shure LX24/Beta 87 - Handheld Wireless – Vocal 2 - Shure LX14/95 lapel - Clip on Wireless 2 - Crown CM-31B - Hanging Microphones for Chorus 2 - Countryman 85 - Common Direct Boxes 2- Artcessories Active Direct Box 1 - Jensen DB-2PX - For hooking up a playback system back stage
<b>MICROPHONE STANDS</b>	15 Large Boom 6 Round Base no boom 1 Small Boom 4 Small Round Base
<b>EFFECTS</b>	12 effects/monitor channels with eight (8) on the stage and two (2) in auditorium ASHLY PROTEA SYSII 4.24G – (4 channels EQ, delay, + compression for cluster, L-R playback, and extra channels) BSS DPR-404 COMP/DE-ESS - (4 channels compressor/de-esser) 2 -DBX 1046 QUAD COMP/LIM - (4 channels compressor/limiter) LEXICON MPX500 - (reverb + effects)
<b>MONITOR SYSTEM</b>	A&H GL2200 24 - (could do 6 monitor mixes) 3 - ASHLY MQX2310 - (dual channel 1/3 EQ for monitors) 6 - Community CSX38-S2 - Monitor Wedges 2 - Community CSX35-S2 - Monitor Sidefills

## LIGHTING SYSTEM

LIGHT BOARD ETC Express 24 sub-channels: located in projection booth at back of auditorium

LIGHT INSTRUMENTS 26 ETC Source Four 50 Degree Lekos  
36 ETC Source Four 36 Degree Lekos  
20 ETC Source Four 26 Degree Lekos  
10 ETC Source Four 19 Degree Lekos  
8 ETC Source Four 15-30 Zoom Lekos  
24 ETC Source Four PAR-EA with four lenses  
6 Altman R40-6/3 Border Lights  
4 Diversitronics DMX Strobe Canons

EFFECTS 2 - Gam Source IV Variable Speed Twinpins  
8 - ColoramII DMX color changers  
2 - Source IV Iris  
Le Maitre Special Effects DMX Neutron

FOLLOWSPOTS 2-2000w Lycean Midget's operated from projection booth

DIMMERS 146 Available Dimmers

FRONT-OF-HOUSE LIGHTING 1<sup>st</sup> ceiling position  
2<sup>nd</sup> ceiling position  
1 box boom on either side of stage

ON-STAGE ELECTRICS 4 electric bridges provide easy hang and focus positions

### DIMMER NUMBERS AND LOCATIONS

CIRCUIT #'S	LOCATION	# AVAILABLE
1-18	1 <sup>st</sup> Beam Front of House	18
19-42	2 <sup>nd</sup> Beam Front of House	24
43-48	Stage Left Box Boom	6
49-54	Stage Right Box Boom	6
55-78	1 <sup>st</sup> Electric	24
79-94	2 <sup>nd</sup> Electric	16
95-110	3 <sup>rd</sup> Electric	16
111-130	4 <sup>th</sup> Electric	20
131-134	Stage Left Drop Box	4
135-138	Stage Left Drop Box	4
139-142	Stage Right Drop Box	4
143-146	Stage Right Drop Box	4
148-152	House Lights	Not Included in Total Count

OTHER Architectural interface control for house lights, architectural lighting, stage rehearsal lights, and basic concert and meeting room lighting  
Remote Focus Unit also available

## **INSTRUMENTS**

### **DRUMS**

Yamaha Maple Custom  
22" Bass Drum  
14" Floor Tom  
14" Snare Drum  
12" Mounted Tom  
10" Mounted Tom  
High Hat  
3 Cymbal Stands

### **PIANO**

6' ½" Baldwin Grand Piano  
Young Chang Upright Rehearsal Style

## **PROJECTION**

### **PROJECTOR**

Sony LCD Data Projector

### **PLAYBACK**

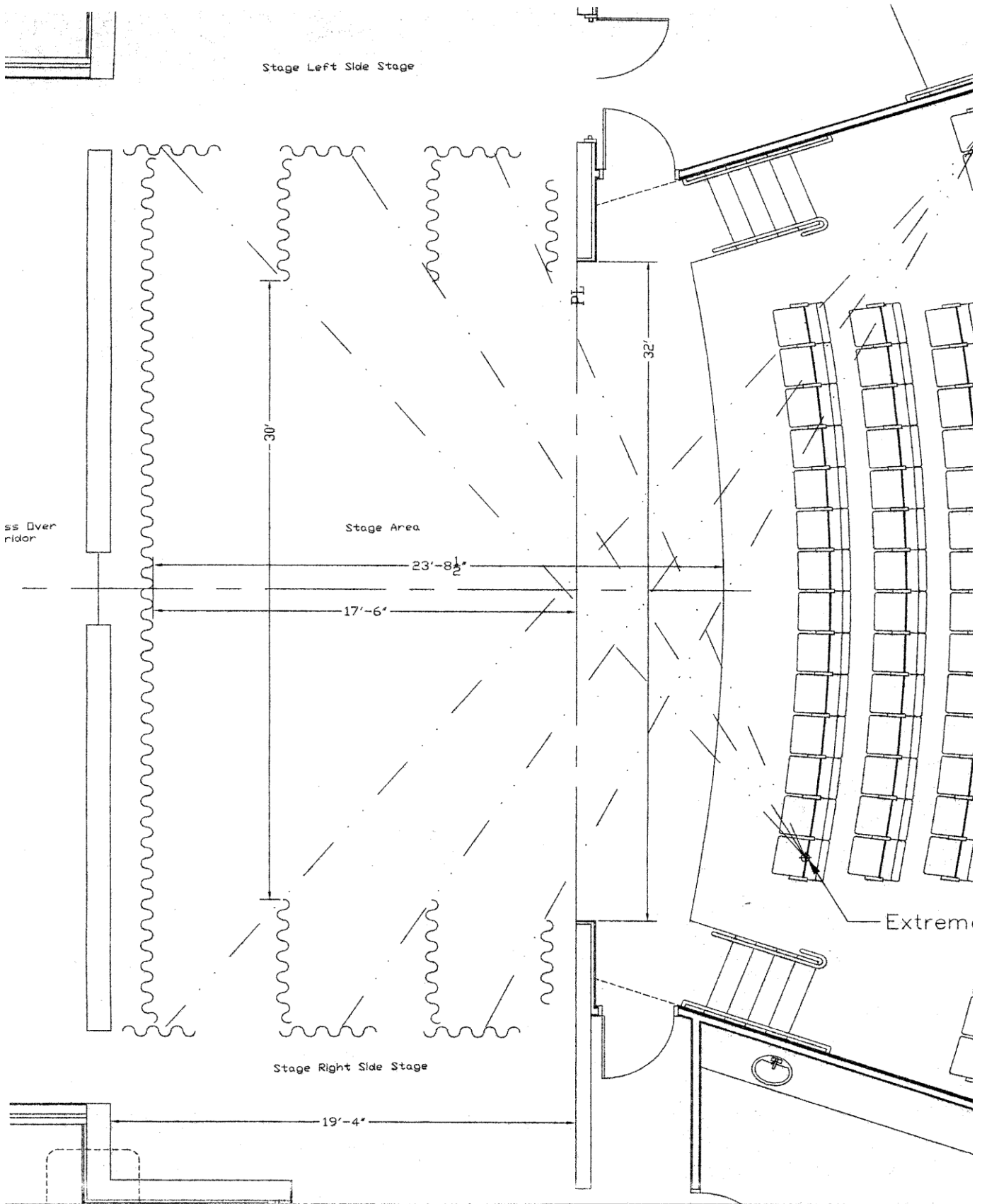
Sony DVD Player/Video Cassette Recorder  
Samsung Techwin SDP-950 High Resolution Digital Present  
- The Overhead Alternative

## **MUSIC STAND**

### **MANHASSETT**

10 with lights

# ARCHITECTURAL DRAWING OF STAGE



# SEATING CHART

