



# Theater Technical Information

Tempe Center for the Arts



**THEATER**

Maximum capacity: 600

700 W. Rio Salado Parkway ~ Tempe, AZ 85281 ~ 480-350-2877

## • STAGE SPECIFICATIONS

**Proscenium** ..... 40' to 50'W x 29'H  
 Stage Depth (plaster):..... 46'  
 Stage Depth from Curtain:..... 44'  
 Stage to Grid: ..... 75'H  
 Forestage lift: .....44'W x 7'6"D  
 Forestage to Curtain line:..... 11.5'D  
 Left Wing Dimension:..... 11'W x 46'D  
 Right Wing Dimensions:.....13'W x 46'D

### Orchestra Pit

Pit dimensions: .....44W x 13'6"D  
 Pit travel (orchestra level): .....8' 8" H  
 Pit capacity:..... 43

### Dressing Rooms (6 Rooms)

Maximum capacity: 35  
 1 – 11-person room with showers  
 1 – 8-person room with showers  
 4 – 4-person rooms with showers  
 1 – 1-person Star Suite

### Wardrobe

Washers (2) and dryers (2) available

### Draperies

Main Curtain: Deep Purple Velour (travels and guillotines)  
 All other curtains are black velour and sewn flat

Border: 1 panel .....59'W x 15' H  
 Borders: 5 panels ..... 59'W x 10'H  
 Legs: 10 panels .....16'6"W x 32'H  
 Traveler: 2 panels..... 34'W x 32'H  
 Side Tabs: 6 panels..... 12W x 30'H  
 Scrim (Black Sharktooth): 1 panel..... 59'W x 29' H  
 Cyclorama (White filled Leno): 1 panel..... 50'W x 29'H

## • LIGHTING

**Lighting Console:** ETC Expression 3 Emphasis

### Control Location:

Front of house booth, Orchestra level  
 Balcony Level

Dimmers:..... 450 2.4k ETC Sensor Racks  
 Company Switch: .....400Amp-3phase

### Instruments

5	Source 4	5 Degree
15	Source 4	10 Degree
40	Source 4	19 Degree
68	Source 4	26 Degree
60	Source 4	36 Degree
10	Source 4	50 Degree
40	Source 4	Par
16	FC1	4 Circuit Cyc Light
2	83071	Super Trouper Followspot (Addl. Charge)

### Cables

42	Twofers	16	50'x6 Circuit Multi Cable
42	5' Cable	19	75'x6 Circuit Multi Cable
18	10' Cable	4	100'x6 Circuit Multi Cable
24	25' Cables	50	10' Male Veam to Female Pin Fan Out
6	50' Cables	2	3 Phase Cam Lock Tails
4	100' Cables	2	3 Phase Cam Lock 30' Feeder Cable
20	25'x6 Circuit Multi Cable		

# Theater



### Loading Dock

700 W. Rio Salado Parkway  
 South side

Door Location: upstage right  
 Door dimensions: 12'H x 18'W

### Pipe schedule

Lineset	Type	Size	Distance
#1	Main Curtain	63'W x 34'H	1'2"
#2			
#3			2'9"
#4	1st Border	59'W x 15'H	3'3"
#5	1st Electric (motorized)		3'9"
#6	No Batten		4'3"
#7	1st Legs	16'6"W x 32'H 20' off Center	4'9"
#8	RP Screen		5'3"
#9			5'9"
#10			6'3"
#11	No Batten		6'9"
#12	Shell #1 (motorized)		7'3"
#13	No Batten		7'9"
#14			8'3"
#15			8'9"
#16			9'3"
#17			9'9"
#18	2nd Border	59'W x 10'H	10'3"
#19	2nd Legs	16'6"W x 32'H 20' off Center	10'9"
#20			11'3"
#21			11'9"
#22			12'3"
#23			12'9"
#24	House 2nd Electric		13'3"
#25			13'9"
#26			14'3"
#27			14'9"
#28	No Batten		15'3"
#29			15'9"
#30			16'3"
#31			16'9"
#32	3rd Border	59'W x 10'H	17'3"

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**Accessories** (shared with the Studio)

80	6" Top Hats	Pars
340	6" Top Hats	Source 4s
425	A size Pattern Holders	
21	7.5" Color Scroller	
4	6 way Power supply	
52	24" Sidearms w/2 sliding Tee	
30	12" Sidearms w/1 sliding Tee	
20	Iris Kits (source 4)	
8	50lb Boom Base and 12' x 1.5" Boom Pipe	
18	Scenery Bumpers	

**Rigging**

Fly rail location:	.....Stage left (stage level)
Lock rail:	.....Stage left (stage level)
Load rail:	.....Stage left (grid level)
Pin rail location:	.....Stage right and left
Batten Length:	.....63'
Batten high trim and travel:	.....72'H
Available counterweighted sets:	.....75 (6" centers)
Lineset load limit:	.....1600 lbs.

• **SOUND REINFORCEMENT**

**House speaker System:**

Main Cluster:	6	Renkus-Heinz STX 9 in LCR configuration
Stage Lip:	12	Renkus-Heinz TRX 61
Sub Woofers:	2	Community SBS45 located in orchestra pit
Stage monitors:	2	EAW SM129 12"
	2	EAWSM159 15"

**Console:**

1	Soundcraft MH4 32+4 channel
	8 group sends
	8 Aux sends
	19 x 8 matrix
Console location:	Enclosed front of house booth (orchestra level)
Road console location:	Front of house Orchestra level, Row J

No monitor console  
40 channel XLRISO split located Downstage Left

**Processors and Playback**

DSP main frame processor:	2	Biamp Audia Flex
Parametric EQ:	1	Rane PEQ 55
Graphic EQ:	2	Yamaha Q2031B
Reverb:	1	Yamaha Rev100
Signal processor:	2	Yamaha SPX2000
Quad Compressor:	2	Klark-Teknik DN504
CD/Cassette:	1	Tascam CD-A500
CD/Cassette Recorder:	1	Tascam CC-222

**Microphones**

Vocal:	4	SM 58 Beta 58
Wireless:	8	Shure ULX SM58 Handheld
	8	Shure ULX1 Lavalier Belt Packs
Max number of 8 wireless to be used in any combination.		
Small instrument microphone package shared with Studio.		
Mic Stands:	4	Floor stands w/boom

**Clear Com**

Channels:	4	Channel station
Belt packs and Headsets:	8	complete units

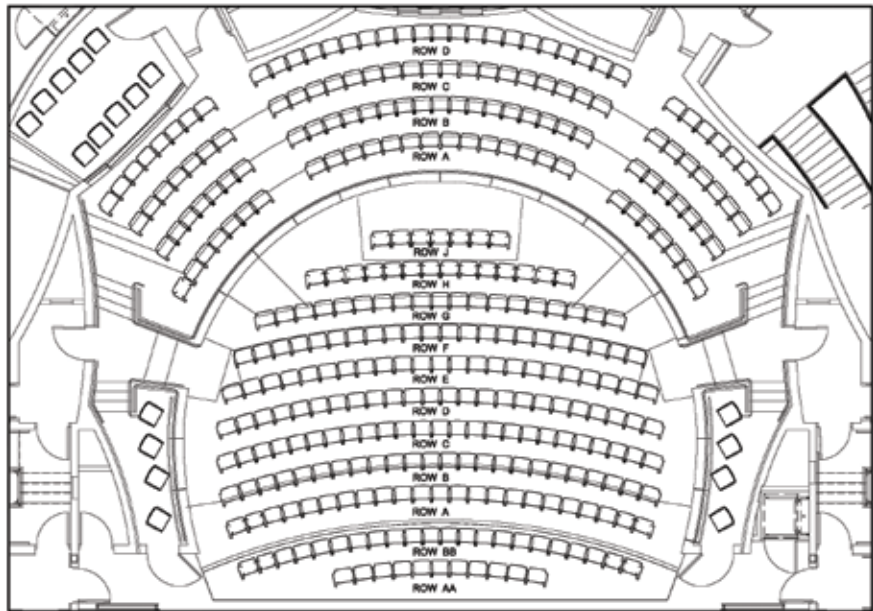
**Miscellaneous**

Dressing room paging and program system available  
Lobby paging and program system available

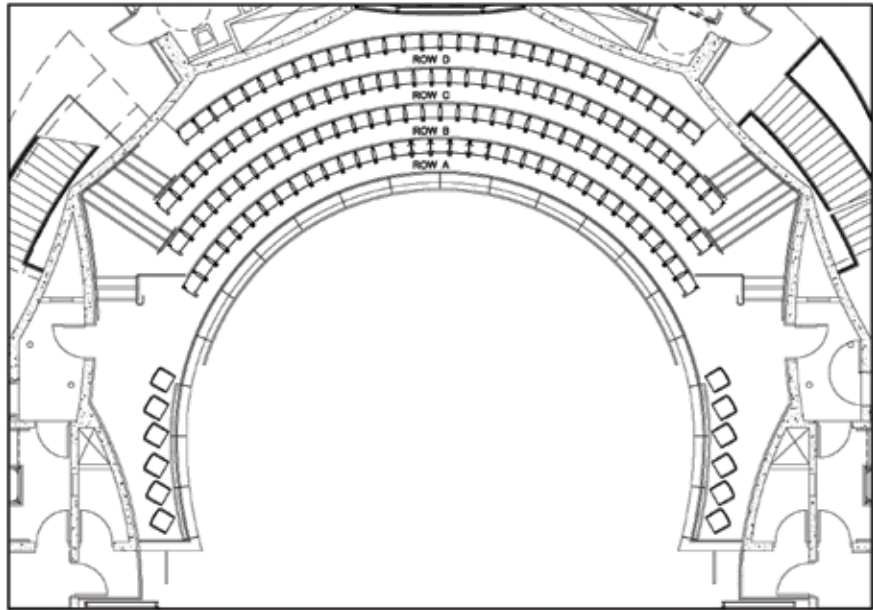
**Pipe schedule (continued)**

Lineset	Type	Size	Distance
#33	3rd Legs	16'6"W x 32'H	17'9"
		20' off Center	
#34			18'3"
#35	Black Scrim		18'9"
#36	Traveler	51'W x 22'H	19'3"
#37	No Batten		19'9"
#38	Shell #2 (motorized)		20'3"
#39	No Batten		20'9"
#40			21'3"
#41			21'9"
#42	House 3rd Electric		22'3"
#43			22'9"
#44			23'3"
#45			23'9"
#46			24'3"
#47	4th Border		24'9"
#48	4th Legs	16'6"W x 32'H	25'3"
		20' off Center	
#49			25'9"
#50			26'3"
#51			26'9"
#52			27'3"
#53			27'9"
#54			28'3"
#55			28'9"
#56			29'3"
#57			29'9"
#58	House 4th Electric		30'3"
#59			30'9"
#60	No Batten		31'3"
#61	5th Border	59'W x 10'H	31'9"
#62	5th Legs	16'6"W x 32'H	32'3"
		20' off Center	
#63	No Batten		32'9"
#64	Shell #3 (motorized)		33'3"
#65	No Batten		33'9"
#66			34'3"
#67			34'9"
#68			35'3"
#69			35'9"
#70			36'3"
#71			36'9"
#72			37'3"
#73			37'9"
#74	6th Border	16'6"W x 32'H	38'3"
#75			38'9"
#76			39'3"
#77	Traveler	63'W x 32'H	39'9"
#78			40'3"
#79	House 5th Electric		40'9"
#80			41'3"
#81			41'9"
#82			42'3"
#83	Cyclorama	59'W x 30'H	42'9"
#84			43'3"
#85			43'9"
#86			44'3"
#87			44'9"
#88			45'3"
#89			45'9"

**Main Floor**



**First Balcony**



**Second Balcony**

