

General Technical Specifications

Stage Dimensions:

Proscenium Width:	44'-0"	Height of grid at stage floor:	70'-0"
Proscenium Height	22'-0"	Width of stage from wall to wall:	72'-0"
Curtain Line to back wall:	34'-6"	Height under fly gallery:	18'-0"
Curtain line to last line-set:	30'-0"	Width of wing space each side:	8'-0"
Back of House to Proscenium:	75'-0"		

Stage Floor: Two layer sprung hard wood over plywood over pine sleepers. Painted black

Loading Dock:

East side of building (Stage right) on stage level
Dock: 22'-0" wide x 12'-0" deep x 3'-4" high
Loading Door: 8'-6" wide x 8'-0" high

Rigging

27 Double purchase counterweight line sets
4 Single purchase counterweight line sets - (Electrics)
Maximum weight each utility batten: 700 lbs.
Length of each batten: 50'-0"
Length of each electric pipe: 47'-6"
Locking rail location: SL, 18'-0" above stage floor
Loading rail location: SL, 54'-0" above stage floor

Please see line set schedule on separate sheet.

Draperies:

Grand act curtain: Red, Flies in vertically on line set #2, or travels horizontally
4 sets of masking legs: Black, all 24'-0" high
Legs are mounted on 12' traveler tracks; can travel up to 4' inside of the proscenium
3 Sets of side tabs for legs 2-4
4 Masking borders, Black, 52'-0" wide x 10'-0" high
2 Two-piece black concert travelers on track. Each side is 27'-6" wide x 24'-0" high. Hung at 60% fullness
2 Black seamless sharks-tooth scrim. 52'-0" wide x 26'-0" high
1 Cyclorama, white leno filled. 52'-0" wide x 26'-0" high (Framed in, tied 3 sides, cannot be moved)

Orchestra Lift

40'-0" wide x 12'-6" deep at CL. Tapers to 10'-0" deep on either end.
At stage level, lift becomes an extended apron.
Orchestra may enter pit at basement level. At audience level, pit cannot be entered.

Electrical and Lighting Information

Company Switch connections are upstage left.
500 amp AC 60 cycle, 3-phase, 4 wire plus ground. 120 / 208 volts.
A Cam-lock connection set is installed for convenience. (F-Ground/F-Neutral)
ETC Eos-Ti (remote control available w/ iPad application)
Net 3 - DMX routing capabilities throughout performance space
(Talk with the TD in reference to locations)
Located in booth at rear of balcony.
265 2.4Kw EDI dimmers. Dimmer per circuit.
10 6Kw EDI dimmers for House Lights
2 6Kw EDI dimmers (1 SL 50A 2P&G, 1 SR50A 2P&G)
2 Robert Juliat 1200w "Super Korrigan" long-throw follow spots, with 6-color magazine.

Accessories:

6	14'-0" booms and bases for side trees	Most Roscolux color filters (check availability)
16	14" Side arms	Various 12/3 SPG extension cables & twofers.

Projection / AV

1	Draper 15'w x 20'h Cineflex rear projection screen on rigid aluminum frame (on line set #1)
1	Sanyo XP-100L (6500 lumens) Rear Video Projector
2	Vutec Lectric 9'w x 12'h front projection video screens, located house left & right front baffles
2	Sanyo XP-200L (7000 lumens) Front Video Projectors
4	Sony BRC-Z330 HD PTZ (pan, tilt, zoom) cameras located throughout house w/ RM-BR300 controller
1	Canon GL-2 (wide angle, fixed focus camera)
1	Black Magic Design Broadcast Panel and Production Switcher
1	Atlona 16x16 video HDMI switcher
1	Philips 40" LCD flat screen divided for preview, program, and 6 setup preview screens
1	Pioneer V8000 DVD playback machine
5	Backstage video monitors; 1 SL, 1 SR, 1 at dressing rooms, & 1 in portable classroom
2	Vizio 47" flat screen lobby monitors for program review and preshow announcements
1	Yamaha MG124c audio mixer for video playback/recording
1	Panasonic DMR-EH59 DVD Recorder
1	Vizio 19" LED Video Monitor (recorder output)
1	RDL RU-SM16 dual audio level meter (recording level)
1	TOA sm-25m Powered Monitor and headphones

Orchestra Equipment

100	Black padded armless chairs
1	Steinway 'B' Black Satin finish grand piano (length: 6'-11")
19	Wenger music stands and lights
40	Manhasset music stands and lights
1	Wenger Conductors Podium 32"w x 38"d x 6"h
4	Standard Black 36" stools

Dressing Rooms

2	At stage level. M/F - 6 persons each, with lighted make up counter, showers, toilets, and rolling costume racks
1	30 person portable classroom, adjacent to theatre, for sole use of theatre. Can be divided into two separate dressing rooms with separate entrances, lighted make up counter, rolling costume racks and shared toilet facilities. (NO shower facilities in portable)

Platforms/ Risers

1	Wenger Conductors Podium (32"d x 43"w x 6"h)
13	Wenger 4' x 8' risers
2	Wenger 4' x 4' risers
2	Triangle shaped wedges @ 4' x 4' x 3'-9"
2	Trapezoid shaped wedges @ 3'10" x 4' x 6'10" x 4'
59	8" legs
62	16" legs
42	24" legs
8	32" legs

Sound System Inventory:

Main House System

- 1 Alcorn McBride V16+ for AV system power sequence and automation
- 1 Digidesign (Avid) SC48 Venue digital control console for FOH control, located in Control Booth w/ 7 aux monitor sends (1 stage side fills/6 user)
(Complete portable operation via iPad iTeleport VNC software)
- 2 Built in Plug-ins (effects), Comp/Limiters, Equalizers
- 1 Behringer X32 digital console for Monitor control. Sets up Stage left
- 1 Lectrosonic DM812 Digital Automatic Matrix Mixer for signal processing and routing
- 1 Ashly 4.24G Digital 4 channel system processor/EQ for Left, Right and Apron front fills
- 1 Lexicon PCM81 professional Multi effects unit
- 1 Yamaha SPX 990 professional multi effects unit
- 1 32x8 XLR Snake from USL to control booth (6 returns used for monitors from FOH)
- 4 XLR mic lines from stage to control booth (2 SL, 2SR in stage managers panels)
- 8 XLR mic lines from DS apron floor pockets to control booth (4 SL, 4 SR)
- 3 XLR mic lines from front of apron to control booth
- 1 XLR mic line from center of house to control booth
- 1 32x8 XLR Snake from back of house right to control booth (also patchable to USL snake)
- 1 XLR (full size) patch bay for snakes and console

PA System:

- D&B Line Array System 10AL
- 2 arrays hanging House L & R and dual 27S sub cabinets hanging House L – R
- Front Fill System (8- 4S) mounted in stage apron rail completely encompassing front of stage for front row coverage
- Balcony fills (4 – 8S)
- 2 - D&B 8s speakers in control booth over console mix position for soloing and referencing
- NOTE FOH mixing position is located in open front control booth in back of balcony.

Monitor System - On Main Console

- 6 EAW SM200iH monitor wedges (L-R paired, w/ speak-on connectors)
- 2 JBL MR805 monitor wedges (w/ speak-on connectors)
- 2 JBL MR802 monitor wedges (w/ speak-on connectors)
- 3 Crown CTS600, 2-channel power amp, on stage in wall mounted rack for monitors
- 4 JBL SR 4837 on-stage hanging side fill monitors
- 2 TOA SM25M personal powered monitors (located at Stage Managers Panels for program Monitoring)
- 4 Galaxy hot spot monitors

Microphones

- 7 Shure SM57 cardioid dynamic mics
- 5 Shure SM58 cardioid dynamic mics
- 5 Shure Beta 58 cardioid dynamic mics
- 3 Shure Beta 87A cardioid condenser mics
- 3 Crown PCC 160, phase coherent condenser mics
- 2 Crown PCC 130, phase coherent condenser mics
- 4 Neumann KM 185 condenser mics
- 2 AKG 460 condenser mics
- 6 Shure SM 81 condenser mics
- 3 Seinnheiser 421 dynamic mics
- 1 Shure SM99 condenser mic, gooseneck for podium
- 1 Dynamic goosenenck mic for podium
- 1 Earthworks FM500 Condenser gooseneck for podium
- 1 Earthworks PM40 Piano Mic System
- 2 Rode NT4 Stereo mic
- 3 Earthworks C30 choral mics installed on the 1st electric - Deployable remotely.
- 2 Lectrosonics R400A Receivers - 2 HM Plug-on Transmitters
- 2 Shure Dual UR4D Receivers

Microphones (con't)

4	UR4D Hand Held Wireless w/ KSM9 mic elements
8	Shure ULXP wireless receivers
8	Shure ULX 1-M1 transmitters w/ 5 - WL50 lavalier mics, 4 - WL185 lavalier mics
4	Shure ULX handheld Beta58A mic/transmitter
4	Shure ULX handheld Beta 87 mic/transmitter
4	Shure ULX handheld SM58 mic/transmitter
5	Countryman E6 Isomax head worn microphone with Shure connector
6	DPA d:Fine Single Ear Omnidirectional headset with Shure connector

Mic Stands

12	Atlas adjustable straight stands
19	Adjustable tri-pod boom stands (tall)
6	Adjustable tri-pod boom stands (short)
7	Atlas 6" table mic stands

Playback

1	Tascam CD-RW402 CD Player / Recorder
1	Denon DN-C635 CD Player
1	Technics SL-PG 440 CD Player
1	JVC TD-W317 double cassette deck, with multi-scan and pitch control
1	Panasonic SV 3700 DAT machine
1	Sony MDM-X4 Minidisc 2 or 4 track player/recorder

Miscellaneous

	Williams Sound hearing impaired system (12 channel station)
15	Station, 2-channel Clear-Com inter-communication system
3	Tempest wireless Clear-Com

Lighting Misc.

24 ETC LED Lustr I series Source 4's – used as Side Lighting

Extra Barrels Include:	10	Source 4 -10°
	11	Source 4 -19°
	15	Source 4 -26°
	31	Source 4 -36°
	5	Source 4 -50°



Palm Beach State College
Eissey Campus Theatre
Lineset Schedule

*** Single Purchase Line Sets # Line Sets Cannot Be Stripped/or Moved**

<u>Lineset</u>	<u>Distance from Proscenium</u>	<u>Scenery</u>	<u>Pipe Weight in bricks (Bricks) – (Units)</u>	<u>Load Weight in bricks</u>
1	10''	#Projection Screen	4'' - 7	4'' – 17 ½
2	1'-4''	#Grand Traveler	4'' – 7 ½	4'' – 31
3	1'-10''	#1 st Border	4'' – 7	4'' – 4 ½
4	2'-4''	#1 st Legs	4'' – 7	4'' – 8
5	2'-10''	Utility	4'' – 6 ½	
6*	4'-9''	*#1 st Electric	6'' – 17	6'' – 16
7	6'-10''	Utility	4'' – 7	
8	7'-10''	Utility (1 st black scrim)	4'' – 7	4'' – 5 ½
9	9'-3''	#2 nd Border	4'' – 7	4'' – 4 ½
10	9'-9''	#2 nd Legs	4'' – 7	4'' – 15 ½
11	10'-8''	Utility	4'' – 7	
12*	11'-6''	*#2 nd ELECTRIC	6'' – 15	6'' – 11
13	12'-10''	Utility	6'' – 5	
14	14'-10''	Utility	4'' – 7	
15	15'-10''	Utility	4'' – 7	
16	16'-7''	Utility	4'' – 7	
17	17'-4''	#3 rd Border	4'' – 7	4'' – 4 ½
18	18'-0''	#3 rd Legs	4'' – 7	4'' – 15
19	18'-6''	Utility	4'' – 7	
20*	20'-0''	*#3 rd ELECTRIC	6'' – 15	6'' – 10
21	21'-4''	Utility	4'' – 7	
22	22'-10''	#4 th Border	4'' – 7	4'' – 4 ½
23	23'-6''	Black Concert Traveler	4'' – 7	4'' - 31
24*	24'-10''	*#4 th ELECTRIC	6'' – 16 ½	6'' – 10 ½
25	26'-10''	#4 th Legs	4'' – 7	4'' – 16
26	27'-10''	Utility (2 nd Black Scrim)	4'' – 7	4'' – 23
27	28'-9''	#5 th ELECTRIC/LED	4'' – 7	4'' – 6 ½
28	29'-3''	Utility	4'' – 7	
29	29'-9''	Utility	4'' – 7	
30	30'-3''	#Cyclorama	4'' – 7	
31	31'-0''	#Black Concert Traveler	4'' – 7	4'' – 31