

Jeffrey Sharp
General Manager



TECHNICAL PACKAGE

Revised 7/27/2022

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1. Contacts

Website: www.pensacolaengineer.com

Main Office Phone: (850) 595-3882

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Email:

Kevin Sutton Production Manager ksutton@cityofpensacola.com

Eric Vandervort Operations Manager evandervort@cityofpensacola.com

Jeff Sharp General Manager jsharp@cityofpensacola.com

Physical Address:

118 South Palafox Place

Pensacola, FL 32502

Mailing Address:

P.O. Box 13666

Pensacola, FL 32591

Shipping Address:

22 East Intendencia Street

Pensacola, FL 32502

Loading Dock Address:

193 South Jefferson Street

Pensacola, FL 32502

2. Stage Overview

Stage Dimensions:

Proscenium Width	43' 4"
Proscenium Height	27' 0"
Floor to Main Drape	23' 8"
SL to SR Wall	75' 0"
SL Wall to Rail Safety Line	69' 0"
SL to Center	34' 0"
SL to Proscenium	12' 5"
SR to Center	41' 0"
SR to Proscenium	13' 8"
Plaster to Back Wall	33' 6"
Apron to Back Wall	36' 10"
Pit to Back Wall	44' 7"
Stage Floor to Grid	62' 0"

Stage Floor Specifications:

- Three-quarter-inch tongue and groove oak and hard pine boards
- One-and-a-half-inch subfloor
- Two-by-twelve beams on twelve-inch centers

Fasteners are permitted, though must be approved before use by the production manager.

Only industry standard vinyl, gaff, & spike tape may be used on the stage floor.

Gray Marley dance floor may be provided for an additional rental, installation, and removal fee.

FOH Dimensions:

Mix Position to Plaster	90' 0"
Snake Run	74' 0"
Spot Booth to Plaster	108' 0"
Balcony to Plaster	48' 0"
Cove to Plaster	57' 9"

FOH Snake runs through ten-inch conduit from HR Mix Position to Center of Pit.

Stage Manager's booth is located downstage right in Alcove.

SM booth includes video monitor, house light control, & Clear Com base station.

Orchestra Pit Dimensions:

Lift Depth @ Center	7' 10"
Lift Depth @ Sides	5' 7"
Lift Width	29' 0"
Half Pit Depth	14' 10"
Half Pit Width	29' 0"
Full Pit Depth	21' 11"
Full Pit Width	23' 10"
Under Stage Depth	7' 0"
Under Stage Width	23' 10"

Orchestra Pit Specifications:

- Audience seating rows one and two are on the pit lift (24 seats)
- Rows three and four are on decks above pit at audience floor level (32 seats)
- Pit lift height settings: stage, audience, and orchestra levels
- Pit lift operates at one speed and is not ideal for effects

Rows one through four may be added or removed by request through the production manager. The client must specify their intent for rows one through four prior to generation of ticket maps by the box office.

3. Fly System & Rigging

Line-Set Specifications:

- J.R. Clancy with 43 battens
- 37 single purchase counterweight line-sets
- 3 double purchase motorized battens
- 3 single purchase motorized battens

Grand drape is hung on a traveler track from the most downstage line-set (1).

Grand may be open/closed via fly or bi-parting operation.

Batten capacity is approximately 1,000 pounds above pipe weight.

Grid is a steam grate style with I-beams above.

Rail operator's area designated by white line must be kept clear.

No rigging points FOH.

Grid & Batten Dimensions:

Grid Height	62' 0"
Upper Batten Limit	53' 6"
Double Purchase Limit	34' 0"
Lower Batten Limit	4' 0"
Batten Length	56' 0"



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**Technical Data
 Line Set Schedule**

updated 1/26/23

Location	Length	Line #	Assignment	Wgt.	Notes	Wgt.
0' - 0"	45'	A	FIRE CURTAIN		Permanent Hang	
1' - 1"	56'	1	GRAND DRAPE			
1' - 10"	56'	2	Movie Screen Legs	80		
2' - 5.5"	56'	3	Movie Screen	565		
3' - 8.5"	56'	4				
4' - 5"	56'	5	1st Electric	465		
5' - 2"	56'	6				
N/A		*M1*	<i>*For orchestra ceiling shell</i>		Tri-Batten trims at 33'0" Motorized	
6' - 6"	56'	7				
7' - 1"	56'	8	Traveler Legs (28'x35')	645/170		
7' - 9"	56'	9				
8' - 7"	56'	10				
9' - 2"	56'	11				
10' - 11.5"	56'	12	Legs (28'x12')	80		
11' - 6"	56'	13	Border	15		
11' - 11"	56'	14				
12' - 6"	56'	15	2nd Electric	465		
13' - 2"	56'	16				
13' - 9"	56'	17				
14' - 6"	56'	18				
15' - 2"	56'	19	Traveler Legs (28'x35')	645/170		
15' - 9.5"	56'	20				
17' - 2"	56'	21				
N/A		*M2*	<i>*For orchestra ceiling shell</i>		Tri-Batten trims at 33'0" Motorized	
18' - 5"	56'	22	Blackout Border (28'x56')	165		
19' - 2"	56'	23	Legs (28'x12')	80		
20' - 0"	56'	24				
20' - 6.5"	56'	25	3rd Electric	315		
21' - 2"	56'	26				
21' - 9.5"	56'	27				
23' - 0"	56'	28				
23' - 9"	56'	29	Traveler Legs (28'x35')	645/170		
24' - 6.5"	56'	30				
25' - 2"	56'	31				
25' - 10"	56'	32	Border			
26' - 3.5'	56'	33				
26' - 9"	56'	34	4th Electric (Cyc Lights)	295		
27' - 3"	56'	35				
N/A		*M3*	<i>*For orchestra ceiling shell</i>		Tri-Batten trims at 33'0" Motorized	
28' - 7.5"	56'	36				
29' - 4"	56'	37	Legs (28'x12')	80		
30' - 3.5"	56'	*M4*/38			Motorized	
31' - 5"	56'	*M5*/39	Blackout Border (28'x56')		Motorized	
32' - 2"	56'	*M6*/40	White Cyc Curtain (28'x58')		Motorized	

4. Lighting

General Specifications:

- Two 400-amp company switches, camlock or bare wire
- 5-pin DMX tie-in to stage pin dimmers at mix position
- FOH cove position
- HL & HR box booms
- No balcony rail, however goal posts may be erected at mix position
- Two Strong Super Trouper 2kw follow spots (xenon) in spot booth
- ETC Ion lighting control console
- Strand dimmer rack
- Elation 8-universe e-node on pick rail
- 260 stage pin dimmer 2.4kw circuits
- 16 non-dimmable Edison circuits (on DSR, DSL, & US wall)
- 4 non-dimmable 3-prong twist-lock circuits (on US wall)

Fixture Inventory:

Standard Plot:

- 30 – ETC 14° Source 4 ellipsoidals (in cove)
- 18 – ETC 19° Source 4 ellipsoidals (on box booms)
- 12 – ETC 26° Source 4 ellipsoidals (overhead, pipe ends)
- 12 – ETC 36° Source 4 ellipsoidals (overhead, pipe ends)
- 8 – ETC Source 4 parnels (overhead, front light continuation)
- 6 – Strand SL 36° ellipsoidals (overhead, specials)
- 19 – LED moving head, zoom washes (overhead)
- 5 – Altman Spectra Cyc 200 RGBA

Additional Stock:

- 30 – ETC Source 4 pars (narrow, medium, & wide flood lenses)
- 12 – ETC Source 4 parnels
- 30 – Altman par 64 (1kw)
- 3 – Strand SL 36° ellipsoidals

5. Audio

General Specifications:

- 200-amp company switch with camlock or bare wire
- Patch Bay in amp room located HL adjacent to box seat stairs
- Patch Panels at mix, pit, spot booth, DSR, DSL, USL, USR
- Patch Panels include microphone, line level, video, intercom, network
- Yamaha QL5 main console at mix position
- Yamaha M7CL-48 monitor console may be used onstage
- Dante communication via network switch with Yamaha Rio 3224-D2 and Rio 1608-D2

House Speaker System:

Main speakers: EAW-AS 592 three-way boxes

Balcony mains: KF 650 three-way boxes with two pairs run in stereo

Subs: LA 118 (behind stairs at front of stage)

Balcony fills: JF 80 (under & upper balcony)

Side fills: KF 394 NT (under box seats)

Venue PA:

- 10 – QSC KLA array speaker "\$2,000 rental item"
- 4 – QSC KW 181 sub
- 4 – QSC K10.2 Monitor/Speaker 2 – Galaxy Audio
- Hotspot 7
- 3 – EAW SM 155e
- 4 – EAW JF50
- 2 – EAW KF 394 NT
- 2 – Yamaha S 115 IV

Microphones & Clear Com:

- 4 – Sennheiser 845e wireless microphones
- 9 – Shure SM 58
- 4 – Shure SM 57
- 6 – Shure Beta 57
- 5 – Audix OM5
- 5 – Audio Technica Pro 37
- 3 – Crown floor microphones
- 2 – Crown CM700
- 3 – Carbon fiber boom microphones
- 9 – Clear Com RS 701

6. Video

General Specifications:

- Balcony mounted projector may be used on projector screen, movie screen, or cyclorama
- Four TV screens under balcony, Two TV screens on upper balcony
- Automated projector screen on proscenium
- Movie Screen (40' w by 20' h) on line-set three
- Cyclorama on line-set 40
- Performance recordings available for an additional fee
- Live stream via BoxCast available for an additional fee

Camera Inventory

- 5 – PTZ Robotic 4K (mounted)
- 2 – Stationary Shoulder Cameras with Tripods
- 1 – Go Pro (conductor camera)

7. Backstage

General Specifications:

- 100-amp shore power at loading dock adjacent to bay door #2
- Stage door at loading dock on corner of Jefferson & Intendencia
- Stage door will be locked unless event security is present
- Additional doors to backstage area must remain locked at all times
- Backstage crossover & scenic storage behind US wall
- Loading dock & receiving area adjacent to SL load door
- Dressing rooms, wardrobe, green room, & production offices on corridor adjacent to receiving area
- Dock supports two tractor trailers at a time
- Clients may use dock and Jefferson Street by theatre wall for parking

Dressing Rooms:

First Floor:

Type	Sq. Ft.	Cap.	Room #
(2) Star	120	3	1 & 2
(2) Principal	170	4	3 & 4
(2) Chorus	380	14	5 & 6

Basement:

Type	Sq. Ft.	Cap.	Room #
(2) Chorus	150	8	7 & 8
(2) Principal	100	4	9 & 10

Each dressing room includes lighted makeup mirror, counter, toilet, sink, & shower. Wardrobe racks may be provided for an additional fee.

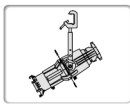
Green Room	Wardrobe	Production Offices (2)
240 sq. ft.	450 sq. ft.	100 sq. ft.
Attached kitchenette	2 washers/2 dryers	#1 – mirrors
Stage view video monitor	Iron & Steamer	#2 – video monitor
Furnished	Rolling racks	

Loading Dock Dimensions:

Bay Doors 1 & 2 from Dock	9' 11" w by 12' 0" h (24" off ground level)
Door from Receiving to SL	7' 10" w by 9' 6" h
Door from Receiving to Crossover	14' 0" w by 10' 0" h
Door from Crossover to USR	12' 0" w by 25' 0" h
Hydraulic Lift	7' 3" w by 12' 0" l
Freight Elevator	8' 6" w by 9' 0" l
Receiving Area	20' 0" w by 50' 0" l
Crossover	71' 10" w by 17' 6" l

Loading Dock Specifications:

- Bay 1 from dock has hydraulic lift with 20,000-pound capacity
- Freight elevator at loading dock between basement, floors 1 & 2 has 10,500-pound capacity
- Crossover used as permanent storage for orchestra shell, nothing may be placed on or leaned against any of its parts
- Any construction or maintenance performed on site must be coordinated with operations manager
- All pathways backstage designated by yellow and gray markings must be kept clear
- No unapproved painting is allowed inside the venue or on loading dock
- Touch ups may be coordinated with the production manager as needed



ETC SOURCE 4
26 DEG LEKO



19 CHANNEL LED
ZOOM WASH



SPECTRA CYC 200



ETC SOURCE 4
PAR

4



3



2



1



12 SOURCE 4 LEKO STAGE LEFT AND RIGHT BOX BOOMS

30 SOURCE 4 LEKO FIXTURES IN THE COVE

Downst