



## Technical Specifications

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Information and scheduling for the following services and equipment are coordinated through the Stafford Centre's Technical Production Department.

Technical and/or production requirements  
Facility information for production areas, stage equipment, and parking regulations  
Special equipment needs, availability, and extra charges  
Scheduling information and requirements for stage crew  
Any other production related activities, permits, and requests

### **Location**

Stafford Centre Performing Arts Theatre and Convention Centre  
10505 Cash Rd.  
Stafford, Texas 77477

The Stafford Centre Performing Arts Theatre and Convention Centre is located on the corner of Cash Road and Murphy Road.

Parking for the Stafford Centre Performing Arts Theatre and Convention Centre is free for attendees to the events and is located immediately north and east of the venue.

### **Stafford Centre Performing Arts and Convention Centre Contacts**

For venue availability and rental information, please contact the Stafford Centre administration office.

Main 281.208.6900

For venue technical information, please contact Mark Lewis, Theatre Production Manager

Direct 281-208-6901



## Technical Specifications

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### **Stage Door and Loading Dock**

The stage door and loading dock are located on the south side of the building.

This is the preferred entrance for all artist and technicians whether traveling or local.

This is also our preferred entrance for all theatre performance deliveries.

The venue has one small dock loading plate available for use.

The truck dock is 48" high and 26' wide. Theatre dock roll door opening measures 12'W x 14'H.

### **General Load In/Load Out Information**

- ✦ One truck bay is to be open at all times for deliveries, except during production related load in/load out.
- ✦ Theatre dock roll door will be closed immediately upon completion of load in/load outs, pick up or deliveries.
- ✦ Reasonable and easy access pathways through the dock area are to be maintained at all times. Access through the scenery workshop/prop room and the stage right entrance doors must be available at all times.
- ✦ The loading dock is a shared space where the first in has priority.
- ✦ The venue's palette jack must be returned immediately after use. Furniture dollies, hand trucks and flatbed carts are not supplied by Stafford Centre.
- ✦ Any major construction, staging, prep work, power requirements, or running crew space required in the loading dock area must be coordinated with Stafford Centre before the event.
- ✦ Any prop painting required for performances will be conducted in the grass area on either side of the dock only. There is no painting allowed inside the venue or on the dock's concrete surfaces.
- ✦ Any trash or construction debris in the loading dock and stage area is the responsibility of the client and should be removed daily, including sawdust shavings, metal shavings and other trash.

### **Truck and Bus Parking**

Parking for show related trucks and buses is located on the south side or behind the Stafford Centre Performing Arts Theatre and Convention Centre.

We do have shore power available for buses.

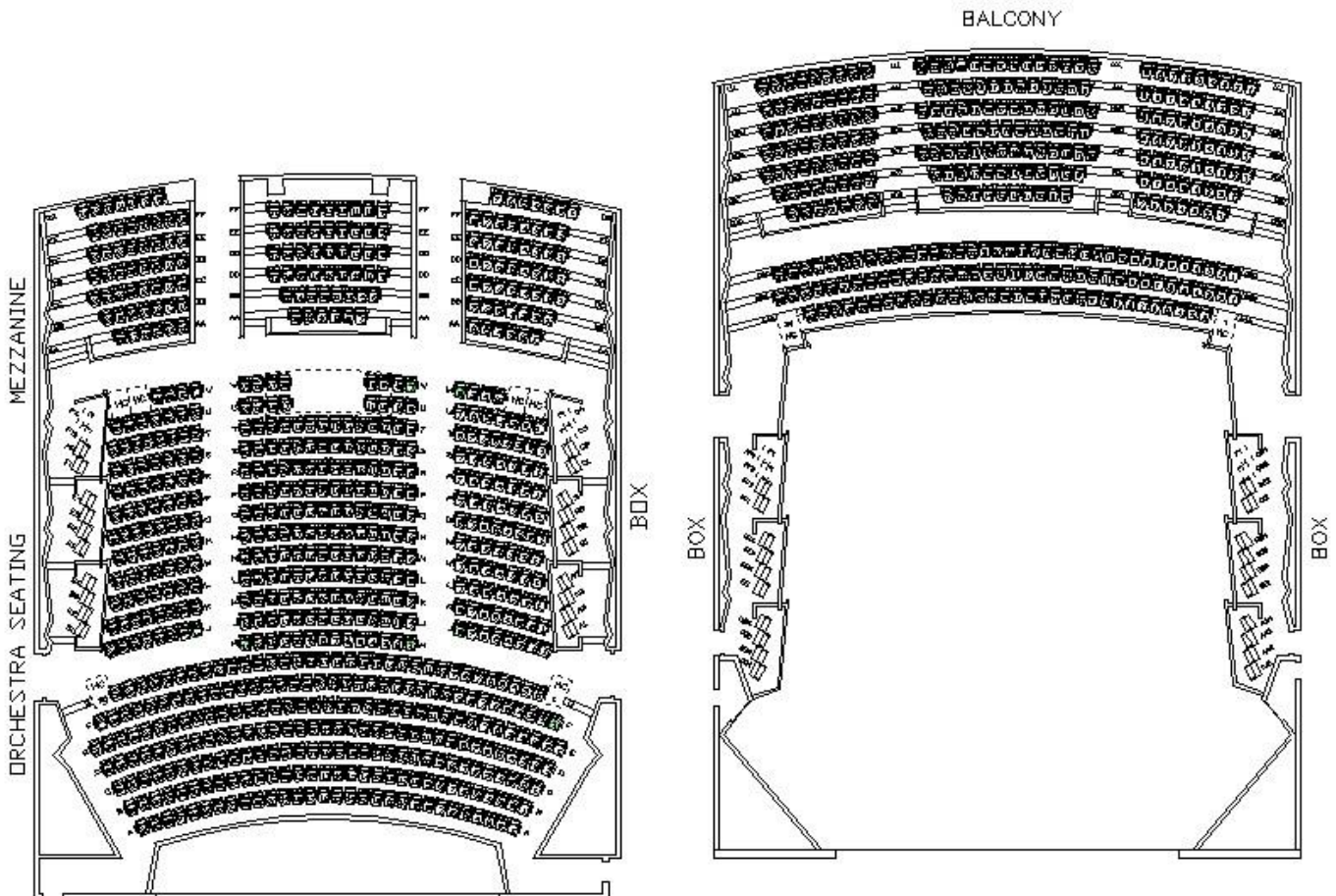


## Technical Specifications

### Stafford Centre Performing Arts Theatre Seating Capacity

House Capacity 1155  
 (With additional 50 chairs that may be added to the Orchestra Pit.)

Orchestra Seating	586	Upper Balcony Seating	210
Mezzanine Seating	154	Lower Balcony Seating	107
Orchestra Box Seating	24	Balcony Box Seating	24



Specific venue seating information can be viewed at [staffordcentre.com](http://staffordcentre.com) by clicking the "Theatre Seating Chart" tab.

All levels are wheelchair and handicap accessible. Assistive listening devices are available upon request on all levels.



## Technical Specifications

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### Stage Specifications

#### House Curtain/Grand Curtain

The theatre main house curtain is manually controlled. It is hung on a traveler track for manual bi-parting operation. It is located on the 2<sup>nd</sup> most downstage counterweight line-set.

#### Stage Floor

The stage floor is made up of ¼" Masonite flooring with a plywood subfloor. It is covered with both a black Roscoe primer paint and interior paint to finish. Fasteners are not permitted and only approved dance floor/spike tape is permitted use on the stage floor.

#### Dance floor

A standard black Roscoe dance floor and a Roscoe Adagio vinyl dance floor are available.

#### Orchestra Pit Lift

The orchestra pit consists of two Gala Spiralift drive systems. One for the main pit platform and a second house right/stage left handicap accessible platform that can be driven separately. The pit lifts can be set at stage level, audience level and orchestra level/storage level. At audience level, the pit can be equipped with 50 (two rows of 25) upholstered chairs for additional seating upon request. The Gala Spiralift system is a fixed speed lift system and is not configured as an "effects lift" with variable speeds or ramped start/stop functions.

#### Stage Dimensions

Overall Stage Dimension	58'w X 38'd
Proscenium Opening	48'w X 24'h
Performance Area	40'w X 34'd
Gala Lift Pit	48'w X 10'd @ center

All areas marked with yellow and red paint must be kept clear and free of props and/or storage.

The fly rail and all components are restricted for use and may only be operated by Stafford Centre staff.

The piano/equipment storage room and 2<sup>nd</sup> floor storage addition are restricted areas.

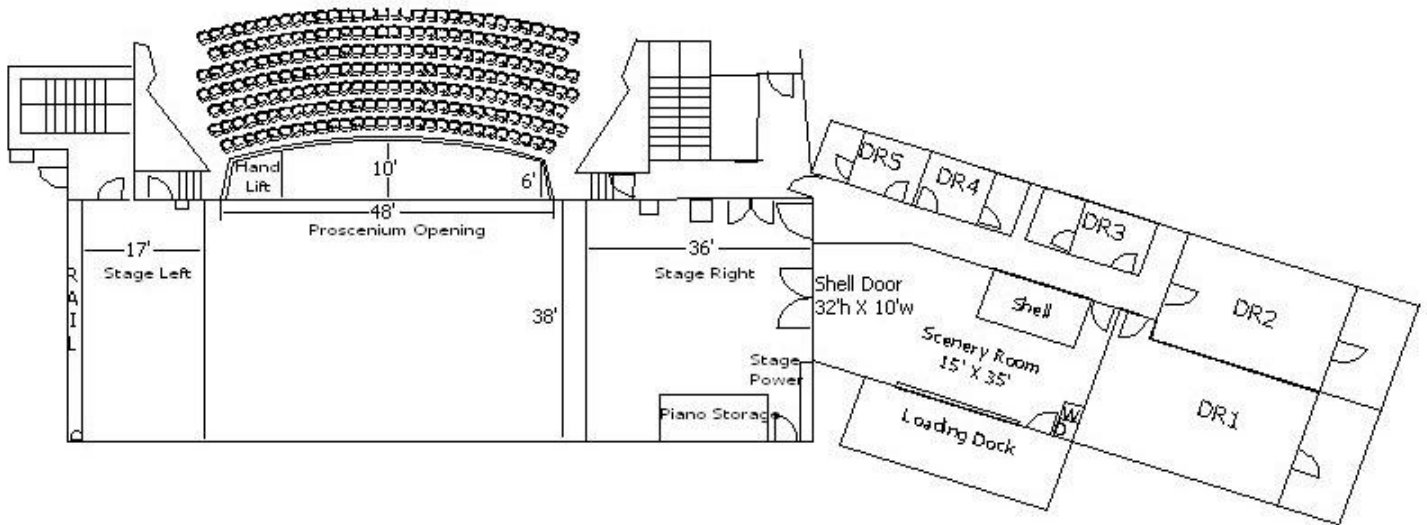
### Dressing Rooms

There are a total of five (5) dressing rooms for performers. All are equipped with audio monitors with independent volume controls, stage monitor screen and restrooms including showers.

Laundry machines are located in the Scenery Room by the loading dock entrance door.



## Technical Specifications



### Green Room

The Green Room is located just off the House Left theatre hallway and theatre entrance. It is equipped with an audio monitor with independent volume controls and a stage monitor screen.

Green Room Dimensions                      15'w X 25'd

### Concert Hall Shell

There are three (3) Stage Right Opus II Series Acoustical Ceilings. All are hung on trusses that are on motorized line sets.

Acoustical Ceiling Dimensions                      41'w X 10' with a total ceiling footprint of 41' X 30'

There are ten (10) Stage Right Opus II Series free standing acoustical towers. Each tower is self-supported and moveable. They are available for both back and/or side walls.

Acoustical Tower dimensions                      10 ½'w X 24'h

### Rigging Specifications

#### Fly System

Stafford Centre has a single purchase counterweight system. Operation is from either of the locking rails located stage left deck and the stage left mid-bridge. Both locations are equipped with dimmable white rope lights on the rail. Mid-bridge is also equipped with blue index lights.

	Fire Curtain	0"
#1	Valance and Legs	1' 3"
#2	Grand Curtain	2'
#3	Projection Screen	2' 7"
#4	Open	3' 3"
#5	Electric #1	4' 8"
#6	Shell Ceiling	6' 7"
#7	Border 1	8' 7"
#8	Legs 1	9' 3"
#9	Open	9' 11"
#10	Open	10' 7"
#11	Open	11' 3"
#12	Electric #2	12' 7"
#13	Open	13' 11"
#14	Open	14' 7"
#15	Border 2	15' 3"
#16	Mid-stage Traveler	15' 11"
#17	Open	16' 7"
#18	Shell Ceiling	17' 11"
#19	Electric #3	19' 3"
#20	Border 3	21' 3"
#21	Legs 3	21' 11"
#22	Open	22' 7"
#23	Open	23' 3"
#24	Open	23' 11"
#25	Border 4	24' 7"
#26	Legs 4	25' 3"
#27	Electric #4	26' 7"
#28	Shell Ceiling	27' 11"
#29	Legs	29' 11"
#30	Open	30' 7"
#31	Open	31' 3"
#32	Open	31' 11"
#33	Open	32' 7"
#34	Cyclorama	33' 3"
#35	Curtain Track (Upstage Traveler)	34'



**Stafford Centre Line Set  
Updated September  
2021**

Revised 9/8/21 ML



## Technical Specifications

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### Rigging Specifications (Cont.)

#### Battens

Total number of line sets	35
Batten length	66'
Batten Capacity	1500 lbs. above batten weight
Batten travel out trim	58' 4" off deck
Grid Height	64' 6"

#### Line Set



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### Soft Goods

1	House Curtain (2 @ 24' w/2 ½' overlap)	Red Velour	48'w X 27'h
1	Valance	Red Velour	53'w X 8'h
1	Show leg set	Red Velour	9 ½'w X 27'h
1	Mid-stage Traveler (2 @ 24' w/2' overlap)	Black Velour	48'w X 27'h
1	Upstage Traveler (2 @ 24' w/2' overlap)	Black Velour	48'w X 27'h
4	Borders	Black Velour	53 ½'w X 10'h
3	Leg Set	Black Velour	13'w X 27'h
1	Leg Set	Black Velour	9'w X 27'h

### Lighting Specifications

#### Lighting Control

1	ETC Ion Control Console
480	ETC Dimmers
8	Portable ETC Net-2 2-Port Nodes

### Lighting Fixtures

14	Source Four 10°
38	Source Four 19°
30	Source Four 26°
54	Source Four 36°
18	Source Four Zooms
72	Source Four Pars
28	K-9 Bull Dog Led Pars
6	CYC LED 300
8	Vari-lite VLZ moving lights *
12	Phillips Showline 300 Beam FX moving head wash lights *
2	Strong Zenon Super Trouper Follow Spots (Spotlight booth)*
2	Strong Truss Trouper 1.2 HMI Follow Spots (Mid-Bridge)*

\*Not part of standard lighting package, additional rental fee required

### Stage Power

3 Phase 120/208 Company Switch

### On Stage Power

2	600 Amp Switches located upstage stage right
1	200 Amp Switch located upstage center on back wall



## **Technical Specifications**

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### **Sound System**

#### **Technical Specifications**

240,000watts  
23 Crown Itech 9000HD amps for mains  
5 Crown Itech 5000HD amps for fills  
2 QSC GXD8 amps for QSC Program Dance Monitors

#### **FOH**

Soundcraft SI Expression 24 console  
24 Ch. Snake at FOH  
Crown Performance Manager Software  
4 – 200' Cat5 runs from FOH to SL

#### **Flown House Speakers**

16 JBL 4888 3 way Mid-High Cabinets  
6 JBL 4882 Sub cabinets

#### **Ground House Speakers**

4 EAW SB1000 Subs



8 JBL MS28 - Front Fills

Upper Balcony Speakers

6 JBL VTX 9321A-1 Full Range 2-way Line Array Cabinets

Mezzanine Under Balcony Speakers

5 JBL Control 25 - 70volt Speakers

Monitors

8 QSC E10 Program Dance Music Monitors, flown above the on pipe-end of each Electric Line-set

2 JBL Eons

2 EAW 12" LA212

4 EAW 15" SM1592

Stage Managers Position

Denon CD player w/Aux Input

Clear-Com MS440 Base Station @ Stage Manager

Clear-Com FSII- BASE Wireless Com

4 Clear-Com FS-II Wireless Com Belt-packs

8 Clear-Com RS-701 Wired Com Belt-packs

12 Clear-Com Headsets

TOA amp for Intercom Paging for all Dressing Rooms/Scenery

Microphones and Accessories

16 Shure UR2/UR4D Wireless Receivers

8 Handheld Beta 87 Microphones

16 Belt Packs

8 Lavalier Microphones

16 over ear Headset

2 AKG 535 Podium Mic's

6 CAD1800 VP Choir Microphones (Hang or Stand)

\*Please note that Stafford Centre does not permit the mixing of our sound equipment with outside vendors.

Intercom paging for all Dressing Rooms, Scenery Workshop and Green Room

Additional Items

Steinway Model D Concert Grand Piano

Le Maître G-300 Fogger

2 - Ultratec Radiance hazers