



TECHNICAL INFORMATION PACKET

AS OF AUGUST 2018

THE CLAYTON CENTER – TECHNICAL INFORMATION PACKET

Thank you for considering the **The Clayton Center** for your performances. This technical packet is meant to provide you with a basic overview of the equipment and services we can provide. Additional equipment is available in the market at competitive rates.

The Clayton Center is a full service performing arts center serving the Triangle and Eastern North Carolina. The renovated, historic theatre seats a total of 600 on the orchestra (426) and balcony (124). The professional technical staff will provide support for your event in all areas.

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LOADING AREA

Truck and tour bus access is provided by a service lot off of Fayetteville Street, leading to the backstage entrance. The entrance is ground level with a sidewalk incline that leads directly into backstage area. Please note that trucks are not under cover. Access from backstage onto stage is by roll-up door in direct alignment with exterior door; door opens onto up-stage center. A 16' W x 9'-9" stage lift is used to take gear from the ground level to the stage level, at a travel height of 3'-10^{3/4}".

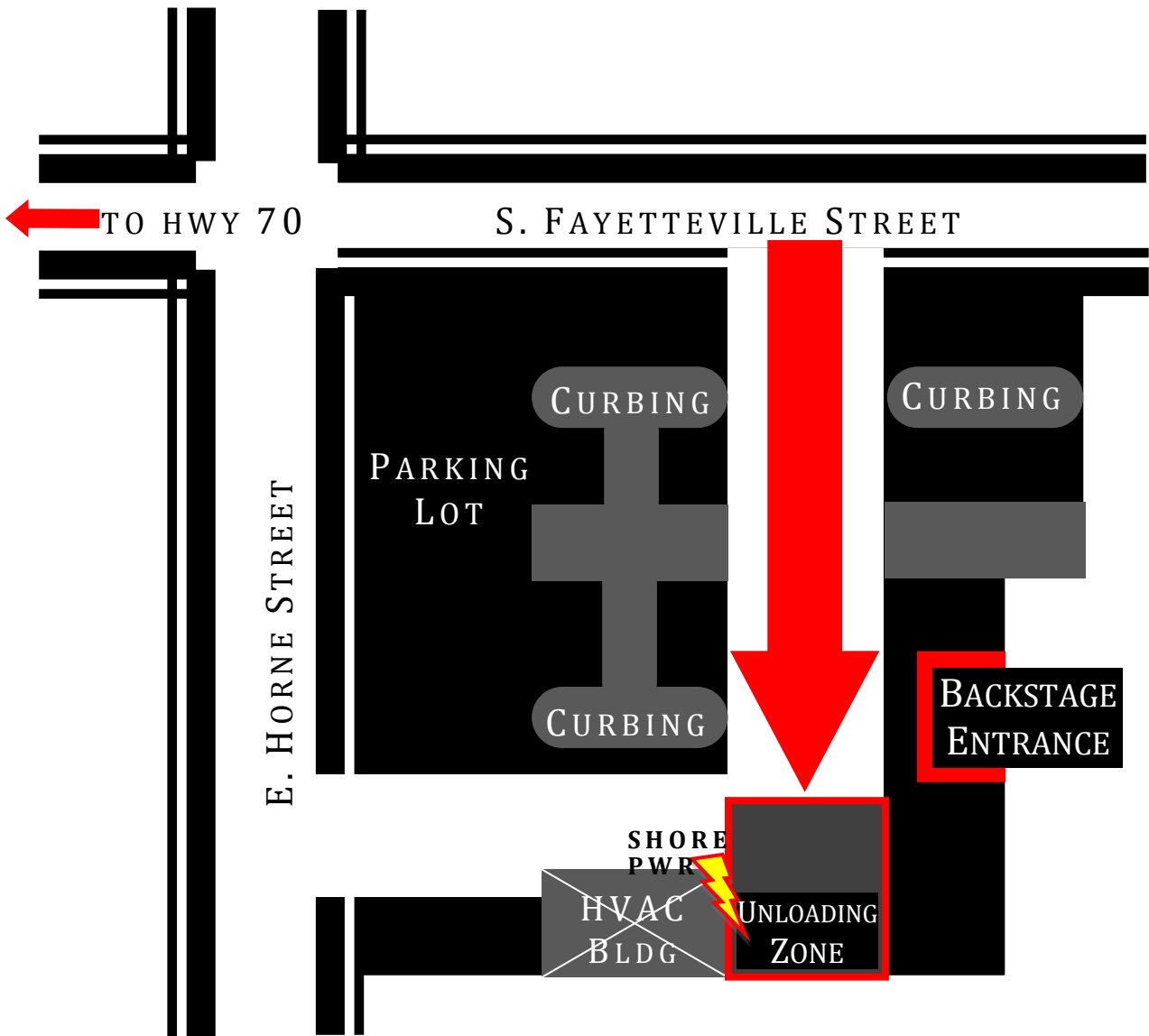
Unloading Zone: 32' wide; approximately 2 spaces for production truck and tour bus

- Distance from unloading zone to street entrance = 298 feet
- Distance from unloading zone backstage entry = 55 feet

Shore Power: located on the Unloading Zone side of the HVAC building

Backstage Area:

- Backstage entry height above parking lot = 18 inches
- Parking Lot to backstage door = 18" incline
- Arched entry leading to backstage door = 10'-8" H x 6'-9" W
- Door opening (double-swing) into backstage = 9'-8" H x 7'-10" W
- Door opening (roll-up) from backstage onto stage = 10'-11" H x 13'-4" W
- Stage lift = 16' W x 9'-9" D; travel distance = 3'-10^{3/4}"



STAGE DISTANCES AND MEASUREMENTS

Proscenium opening: 34'-7" wide

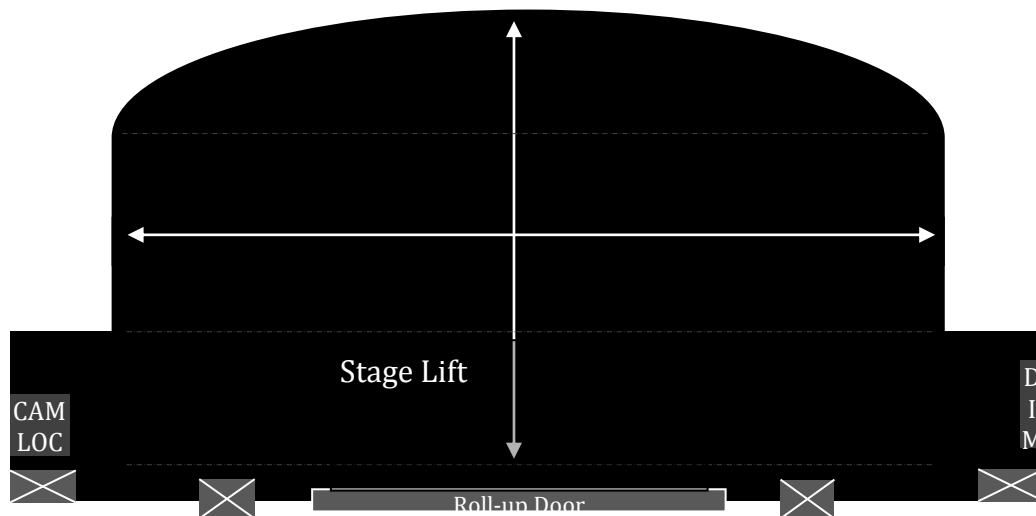
- Height: 14'-5" from floor to fixed valance.
- Depth: 30'-0" plaster line to back wall.
- Apron measures 3'-0" from plaster line to the proscenium center.

Wing Space:

4'-7" wide SR

4'-8" wide SL

There is no orchestra pit.



Measurements (average) from Deck to:

- Proscenium 17'-3"
- Electrics Fixed 19'-6"
- Bottom Fixed Valance 14'-5"

Lighting Instrument Throw: House positions (electrics) are available on the balcony rails and the cove position.

Projection Throw: DLP Projector (Balcony) to House Screen: 60' (12000 lumens long throw lens). The house cyc may also be used as a screen at 69' mid-stage and upstage the rear traveler at 84'.

Seating Distances:

- First row to stage is 4'.
- Back of orchestra to stage is 54'.
- Back of balcony to stage is 75'.

House Electrics

The Clayton Center has a house plot that can be adapted to your needs. Onstage are three electrics with a fourth for cyc lighting. A house plot is included in this package.

Lighting: The Control Booth is located in the rear of the balcony level.

- ETC ION console, 2x20 fader wing, 2 ELO touch screen monitors.
- System is configured dimmer per circuit.
- House lights are operable by ETC console.

Booth lights are operable by wall switch in lighting control room.

DMX 512 company connection is available onstage; connection upstage-left, downstage-right.

DMX 512 connections at each electric position, 1E, 2E, 3E, 4E, FOH, TORMS HL & HR.

Light Instruments:

(Not all instruments are patched or hanging in the standard house plot.)

No.	Type Of Unit	Brand	Watts	Lamp
6	Source Four 19 degree	ETC	575	HPL
18	Source Four Jr. 25-50 zoom	ETC	575	HPL
2	Acclaim Fresnel	Selecon	650	FRK
2	Lycian Clubspot 7.5	Lycian	750	HPL
10	Mega Par 38	ADJ	5 (3)	LED
16	SlimPar Pro RGBA	Chauvet	1 (42)	LED
6	COLORado 2 Quad Zoom	Chauvet		LED
8	I-CUE Intelligent Mirror	ROSCO		
6	Spectra Cyc 200	Altman	200	LED
4	Rogue R2 Spot	Chauvet		LED
2	Intimidator Spot 155	Chauvet		LED

Follow spots in FOH position LEFT and RIGHT

DLP Projection

Digital Projection M-Vision 930 3D Series projector mounted underneath Balcony FOH.
12' x 16' Draper Signature Series retractable screen mounted in front of Main Curtain.

Miscellaneous Equipment:

7 – Wenger Roughneck music stands
8 – A/C clip lights
5 – battery LED clip lights
2 – A/C w/ battery option LED cliplights

Power:

(1x) 200A 3Y/208VAC disconnects located upstage left with equipment ground. Camloc connection, no house distro. Stage disconnect fed separately from the 350A power listed below.
(1x) 350A 3Y/120VAC disconnect located upstage right with equipment ground.

Goods and Rigging

- Main Curtain travels.
- Mid-stage traveler permanently located 16' upstage of the proscenium.
- Rear Traveler permanently located upstage of the proscenium.
- Projection screen permanently located 2'-8" upstage of the proscenium.

Cyclorama

There is one (1) cyc; the actual size is 19'-8" by 39'-6" with chain pocket. The cyc trims out at 22'-6".

Ladders

1 - 4' Fiberglass
1 - 6' Fiberglass
1 - 8' Fiberglass
1 - 20' JLG Genie lift, battery powered

Sound System

The sound system has three components:

- Sound reinforcement/playback
- Intercommunications (ClearCom)
- RF listening assistance (Telex)

Sound Reinforcement:

The sound reinforcement capability of our system is partially appropriate for amplified concerts. The sound booth is located in the house right rear of the balcony.

Processing and Rack Gear:

- 1 Yamaha M7CL-48ES Digital Console
- 2 Yamaha SB168-ES Ethernet Sound Boxes
- 1 Denon DN-D4500 2-disc CD Player
- 1 Denon DN C550R Dual CD Recorder

Microphones:

- 2 Shure ULXP4 wireless ULX1 lavalier microphones
- 3 Shure ULXP4 wireless SM58 handheld microphone
- 3 Shure SM57 cardioid microphones
- 4 Shure SM58 cardioid microphones
- 2 AKG C 3000B condenser microphones
- 3 Crown PCC 160 floor-mounting microphones
- 2 Whirlwind Director Passive DI boxes
- 2 dbx dB12 Active DI boxes

Microphone Stands:

- 5 Adjustable floor mic stands
- 10 tripod mic stands w/boom

Speakers

FOH:

10 DAS Aero 8A boxes, flown
2 DAS SX-218 subwoofers, ground stacked

Monitors:

6 EON 10 powered stage monitors
2 tripods to create temporary side fills

Road/production mixing position located rear of orchestra, house right, under balcony.
This position cannot be moved. A decibel meter may be provided to ensure a max level of 95db in house at mix position.

Intercom System

ClearCom headset system w/7 belt packs and single muff headsets.

Permanent stations are located:

- stage left and right
- spotlight positions, house left and right
- house lighting control booth
- house mix console

Assisted Listening

Telex Sound Mate 1, on channel A

WARDROBE

Dressing Rooms:

All dressing rooms have vanity mirrors, lights, garment racks and sinks.

- 1 Principal/VIP 1 - 4 people
restroom in dressing room
- 1 Standard 4 - 6 people
restroom in hallway

Green Room is available for the company.

Wardrobe Supplies:

- 1 Iron
- 1 Ironing board
- 1 Steamer