

The following is the technical specification for the Walter K. Gordon Theater at Rutgers University Camden Campus.

The Walter K. Gordon Theater is a non-smoking facility.

Location and Contacts

For reservation information, please feel free to contact one of our staff members at (856) 225-6245.

[Area Restaurants and Entertainment](#)

Technical Production Department

The Walter K. Gordon Theater is a non-union house.

James H. Mobley - Technical Director (856) 225-6262
jhmobley@camden.rutgers.edu

Loading Dock Address

Rutgers University
4th and Linden Ave.
Camden, NJ 08102

This location is accessible from 4th St. turnaround, across from Rutgers police headquarters.

This is the preferred address for package delivery.

Loading Area is @ ground level.
Loading doors are 8'-9" high by 5'-7" wide double door type.
Access is difficult for trailers and larger trucks.

Truck and Bus Parking

With advance notification, this can be made available through University Police.
There is no shore power for busses; however, this can be made created with advance notification.
Loading and unloading arrangements must be made prior through University Police to ensure parking is made available.

Stage Dimensions

Stage Floor

Tongue and groove Pine flooring painted black on 2 x 10 sleepers with resilient pads.
Dance floor is not currently available, but should be considered for all Dance events.

Proscenium

Height (with adjustable border)	22'-0" to 12'-0"
Width (with adjustable hard panels)	50'-0" to 38'-0"

Stage Width

Total	(off SR wall to SL wall)	62'-3"
Distance between adjustable black legs		26'-0" to 42'-0"
	(Normal setting at 36'-0")	
On Stage: Right	(centerline to SR wall)	31'-3"
Wing Space: Right	(Proscenium to SR wall)	18'-0" to 12'-0"
On Stage: Left	(centerline to SL wall)	31'-0"
*Wing Space: Left	(Proscenium to SL wall)	*18'-0" to 12'-0"
*Please note the fly rail on plan view will eliminate 3'-0" of usable space on the stage left side changing measures to 15'-0" to 9'-0" actual area.		

Stage Depth

Total	(plaster line to back wall)	34'-0"
Last Line set	(from plaster line)	29'-4"
Apron	(plaster line to downstage center)	14'-0"

Elevations

Grid Height	58'-0"
Upper Load Rail Height	50'-0"
*Lower Load Rail is single purchase/ floor level	
Orchestra Pit (without cover) Stage level to Floor	6'-6"
Orchestra Pit (with lower cover) Stage level to Base	3'-0"
Orchestra Pit continuation under Stage	8'-0"
Orchestra Pit continuation Head clearance	5'-6"

Orchestra Pit seats 35-40 people without cover.

Access through house only.

No music stands or clip lights are available

There is a charge for removal of stage cover

Rigging Specifications

House Curtain(s)

House curtains are all Black Duvetyn with Black lining, except Grand (red) and of course the scrim. Cyclorama is Seamless white flat muslin.

Fly System

Single purchase counterweight system. Operation from floor level on Stage Left. Individual battens use 20 and 50 lb. weights (each in ample supply) and individual arbor(s) will hold 2500 lb. respectively.

Current Positions of Truss type battens are as follows:

Ordinal	Measurement (from Plaster line)	Additional Info.
1st	1'-10"	Grand Drape (plum red)
2cd	2'-4"	Border
3rd	3'-4"	Legs
4th	4'-10"	1st electric
5th	5'-10"	Movie screen
6th	6'-10"	
7th	7'-10"	
8th	9'-4"	Border
9th	10'-4"	Legs
10th	11'-4"	2cd electric
11th	13'-10"	Traveler (Black)
12th	15'-10"	Border
13th	17'-10"	Legs
14th	18'-10"	3rd electric
15th	19'-10"	
16th	21'-4"	Sharkstooth Scrim (Black)
17th	23'-4"	Border
18th	24'-10"	Legs
19th	26'-4"	4th electric
20th	28'-4"	Curtain (Black)
21st	29'-4"	Cyclorama (Flat white muslin)

*As there are no entrances to SL proper, crossover can be made from up stage of cyclorama's current position.

Battens

Quantity 21

Length	44'-0"
Maximum Weight per Arbor	2500 lbs.
Batten Travel from deck	54'-0"

Stage Draperies

Quantity	Description	Height	Width
1	Bi-part Traveler (black)	30'-0"	44'-0"
8	Black Legs	30'-0"	14'-0"
4	Black Borders	12'-0"	44'-0"
1	Sharkstooth Scrim (black)	30'-0"	42'-0"
1	Muslin cyclorama	30'-0"	44'-0"
1	Cut Forest Drop	25'-0"	30'-0"
1	Black Curtain	25'-0"	44'-0"

Acoustical Ceiling

There is a full stage acoustical ceiling that can be erected for orchestral performances. When in use; however, there is no use of the four electric's on stage proper. The ceiling has built in lighting for overall stage wash purpose.

Ceiling height is adjustable and has various settings depending on the venue.

Sidewalls can (should) be used in conjunction with the ceiling to further enhance sound quality.

Please note that in order for the ceiling to be set into place requires two technicians (riggers) one full day and at least two weeks prior notification.

Stage Power

Company switch - 60 amp. 120/ 208 volt disconnect (pigtail connections) located on stage right next to S.M. console

University electrician required and must be present during hookup, performance, and strike.

There are several-isolated 20 amp. circuits on stage (8 total) and 4 (four) 50'-0" and 2 10'0" quad box extension cable(s).

Lighting Specifications

Instrument Inventory

<u>Type</u>	<u>Quantity</u>	<u>Frame size</u>
Strand 750w. 10 degree ers	1	9" x 9"
Kliegl 3518 1000w. 15-52 degree fresnel	12	8" x 8"
PAR 64 1000w. WFL lamp	10	8" x 8"
Kliegl 3486 Strip Lights 300w. (6'-9", 9 light, 3 circuit)	6	7"x 9"
Kliegl 3498 Mini Strip 300w. (4'-6", 12 light, 3 circuit)	2	3" x 3"
ETC 419 Source Four 575w. 19 degree ers	20	6.25" x 6.25"
ETC 426 Source Four 575w. 26 degree ers	60	6.25" x 6.25"
ETC 436 Source Four 575w. 36 degree ers	30	6.25" x 6.25"
ETC 450 Source Four 575w. 50 degree ers	20	6.25" x 6.25"
ETC 41530 Source Four 575w. 15-30 degree ers	15	7.5" x 7.5"
ETC 42550 Source Four 575w. 25-50 degree ers	15	7.5" x 7.5"
ETC S4PAR-EA 575w. PAR Spotlight	50	6" x 6"
Altman SKY-CYC-03 1000w. (51 7/8", 3 light, 3 circuit)	8	12" x 12"
High End CX Cyberlights 1200w. DMX controlled (N.A.)	2	N.A.
High End Studio Color 250w. DMX controlled (N.A.)	2	N.A.

Note: All circuits are "standard" 3 prong, 20 amp. twist lock (L5-20R)

Lycian 1266 Super Arc 400 Follow spot 3
7 color boomerang, HTI-400/24 metal halide lamp

Control Equipment: Obsession II 750 - SPS (Single Processor System)

Control Channels	750	Cues	1000
Groups	250	Moving light libraries	100
Effects	100	Macros	2000
Processor	1	Multi-function encoders	6
Trackpad (x/y)	1	LCD Touchscreen	1
Physical faders	8	Virtual faders	118
Simultaneous Fades	126	Stop/Back Button	1
Go Button	1	Level/Rate Wheel	1
All Manual Button	1	Grand Master w/ BO Button	1
3.5 Disk Drive	1	Hard Drive Memory	1
VGA Monitors	2	Dimmable Desk Lights	2

Control Accessibility

The control of house and stage lighting can be achieved from light booth area or FOH Center (with RFU lighting control). There is a Stage Managers Console on stage right, with LCD touch screen control. The RFU (remote focus unit) is fairly portable and can be run from various positions in the house (given 50'-0" control cable and extension)

Circuits Available

<u>Number</u>	<u>Location</u>
1-24	1st Electric
25-42	2cd Electric
43-60	3rd Electric
61-84	4th Electric
85-102	1st FOH
103-120	2cd FOH
121-129	House Right Box Boom
130-138	House Left Box Boom
139-141	DSL Cove Position
145-147	DSR Cove Position
151-159	Orchestra Pit
160-162	Floor Pocket DSL
163-165	Floor Pocket DSR
166-168	Floor Pocket CSL
169-171	Floor Pocket CSR
172-174	Floor Pocket USL
175-177	Floor Pocket USC
178-180	Floor Pocket USR

*Dimmable Circuits are all L5- 20 amp. /3 prong/ twist lock connections.

Cable and Accessories

Type	Quantity
12" Mirror ball w/ motor	1
8" color wheels	2
6" color wheels	2
Three prong two-fers (twist-lock)	6
Adapters (male twist-lock to female edison)	10
10'-0" Trees (black pipe)	8
Tree bases	5
Dimmer Doubler's (connectors for ETC)	10
Pattern Holders for ETC ellipsoidal(s)	12

*Cable extensions in 10', 25', 50' are available.

House Sound System

Control

Front of House mixing is done from House Right or Center position. House system control booth is located at rear of House Left.

Main Speaker Units

JBL, VRX 900 flown Arrays - 2 VRX918 S
 - 8 VRX 932 LA
 Powered by 3 Crown IT 4000

Sound Gear

House Console - Soundcraft K3

Each input has adjustable frequency, 4 band equalization, independent phantom power, a -30dB pad, a phase inverter, a 100 Hz high- pass filter, and both XLR and TRS inputs.

- 40 stereo channel inputs
- 8 Bus groups + 2 channel main output
- 8 Auxiliary sends
- 4 Stereo effects returns/ 8 Channels
- 4 Matrix outputs with 10-bus mix control

House Auxiliary Processing

2 Shure DFR 11	single channel feedback reducers
2 Behringer Virtualizer Pro DSP2024P	2 channel multi-effect processor(s)
1 DOD SR231QXLR	2 channel Graphic Equalizer
1 Sabine Real Q2	2 channel Adaptive Equalizer/ RT Analyzer/Limiter/ Compressor/ Delay/ Gate
1 Crown Power Base	2 channel 200 watt amplifier (sidefill monitors)
1 Rane MA 6S	6 Channel amplifier (100 watts per channel)
1 Carvin FET	2 channel 1000 watt amplifier
1 Rane AD 228	2 channel Audio Delay
1 Behringer Ultra Flex Pro EX	2 channel Enhancer(exciter)

Playback/Recording

1 Stanton C501	Dual CD Player
1 Denon 770-R	Dual stereo Cassette
1 Marantz CDR 630	Stereo Compact Disk Recorder/ Player
1 Tascam DA-40	Stereo DAT recorder (44.1/48kHz)
1 Sony	Combination Minidisk/ CD player

Stage Monitor Speakers

4 EV SxA250	Powered Monitors
2 Klipsch	12" Monitors

Microphone Inventory

- 14 Shure SM58
- 7 Shure SM57
- 1 Shure BG 4.0
- 2 N-Dym D468
- 3 Sennheiser E845
- 1 Sennheiser E865
- 2 Sennheiser E609
- 2 Sennheiser E608
- 3 Sennheiser E604
- 2 AKG 414 B-XLII
- 3 Earthworks SR25
- 3 Crown PCC 160
- 1 Crown LM301A
- 1 AKG D112

- 3 AKG 900
- 2 EV Sound Spots
- 2 EV 660
- 2 Sabine SQ 1001 (For Spectral Analyzing)
- 5 AT 853R Uni-Directional Boundary
- 5 AT-851rx Uni-Directional Boundary

Wireless Microphone Inventory

- 10 Sennheiser EW 510 Wireless Microphone System
 - 4 SKP Plug on transmitter
 - 10 Countryman B3 Skintone Micro Mic Capsules
 - 4 Countryman Isomax Headset Microphones
- 7 Telex FMR-70C Lapel microphones
- 1 Shure LX1 Lapel microphone

Miscellaneous Inventory

- 2 JBL MR925
- 2 JBL MR926
- 1 Yamaha O1V96 Mixer
- 1 Mackie 1202 Mixer
- 2 Furman AR15 SII voltage regulator
- 1 Motu Traveler
- 2 Mackie HR824 Studio Monitors
- 1 Galian-Kruger 700 RB Bass Amplifier
- 1 Galian_Kruger 410 SBX Cabinet
- 1 Fender Twin Guitar Amplifier
- 1 Rapco 40 Channel isolated stage split box / 150' FOH / 50' Mon
- 2 Rapco 6 Channel sub snake(s) / 25' - 0"
- 1 100' Stage Master 12 x 4 Snake
- 12 Rapco Direct Boxes
- 1 Roland D-10 Synthesizer w/ stand
- 8 Upright Microphone Stands
- 16 Boom Style Microphone Stands
- 3 Guitar Stands
- 12 Clip Lights
- 2 Speaker Stands
- Various adapters are available as follows:
 - RCA to 1/4 phone
 - XLR to 1/4 phone
 - 1/4 phone to mini plugs
 - Female to Female XLR
 - Male to Male XLR

*An ample supply of XLR Microphone cable is available in various lengths.

Communications System

- Clear com MS232/ 2 Channel Base Station with 12 CC95 Single Muff Headsets

Audio/ Visual

The Walter K. Gordon Theater is equipped with 2 Eiki EX 5500A Xenon 16mm Film Projectors for use with a 30' x 30' screen. Projectors are located in the back of the auditorium in the projection booth. Sound is run through the House system. LCD projectors can be operated from the center of Theater for VHS projection; however, this equipment is not currently available to the user through the RCCA.

Studio Theater/ Black Box

The Studio Theater is a multi versatile performance and education space, adjacent to the Walter K. Gordon Theater. It is used for instruction, performance, and receptions. The following is the technical specification for the "Outer Wing" Studio Theater/ Black Box at Rutgers University.

Stage Dimensions

Stage Floor

Tongue and Groove Pine floor painted black on 2 x 4 sleepers and resilient pads.

Room Elevations

Ceiling to Floor	18'-6"
Floor to Acoustical wall(s)	8'-0"

Room Width

39'-0" x 39'-0"

Rigging Specifications

Battens

Quantity	5
Length	32'-0"
Type	fixed position 1 1/2" O.D.
Max. Weight	2000 lbs.
Height from Floor	18'-6"

Room Power

No company switch

<u>Location</u>	<u>Description</u>	<u>Use</u>
Right Wall (corner)	2- 30amp. 125v. Connector(s)	Motor/Sound
	1- 60amp. 125/208v. Connector	Lighting
Left Wall (corner)	2- 30amp. 125v. Connector(s)	Motor/Sound

1- 60amp. 125/208v. Connector

Lighting

Instrument Inventory

*See inventory from Gordon Theater.

Control Equipment

NSI 3264 Console connected through 100' DMX 512 / 5 pin cable

ETC CEM 48 Electronics Module w/ 24 D20 Dimmers (48 total dimmers)

- 2 100' 12 gauge 14 conductor M-F 19 pin Socapex Cable
- 2 75' 12 gauge 14 conductor M-F 19 pin Socapex Cable
- 2 50' 12 gauge 14 conductor M-F 19 pin Socapex Cable
- 2 25' 12 gauge 14 conductor M-F 19 pin Socapex Cable
- 8 19 pin male 6 circuit 12/ 3 SJOWA to Female Breakout
- 9

Permanent Circuits Available

There are 18 permanent circuits in the ceiling. They are all Standard Twist-Lock connections. They must be connected via socapex to dimmer.

- | | |
|----------------|---|
| Circuits 1-6 | Between Battens 1 and 2 (or lined Front) |
| Circuits 7-12 | Between Battens 2 and 3 (or lined Center) |
| Circuits 13-18 | Between Battens 3 and 4 (or lined Back) |

Circuits terminate as follows:

- | | |
|------------------|-----------------------------------|
| House Right Wall | Circuit(s) 1,3,5,7,9,11,13,15,17 |
| House Left Wall | Circuit(s) 2,4,6,8,10,12,14,16,18 |

Room is general illumination from non-dimmable fluorescent lighting, and are not controllable from production booth.

Sound System**Control**

Sound system is not a permanent install and flexible per use. See inventory for Gordon Theater for additional inventory.

Carvin 24 Channel Mixer console

- 4 Subs 2 Stereo mix sends
- 4 FX send/ return

1- Nikko Alpha II 450w. Dual output amp.

Speakers

- 2- Carvin R560 100w. Horn
- 2- Carvin 1331 400w. Bass

Control Room Notes

Lighting, Sound, and Stage Management are run from this space. Opening for site is limited to 2'-0" x 3'-0". The room is conducive to flexibility and shows can be run (lighting, sound, etc.) from deck as well.

Seating

The Studio Theater has raised seating for 68 people. Chairs can be added to accommodate up to 80 audience members.

Lobby Information

Location

The Lobby is located adjacent to the Stedman Art Gallery, Walter K. Gordon Theater, and Studio Theater. The Lobby can be used for receptions and offers a beautiful entry to the RCCA facilities.

General Information

Entry to the Lobby is Handicap accessible. Tickets for upcoming performances can be obtained from the Box Office within the Lobby entrance. There are two full sized restrooms, also handicap accessible. Coat check room is directly adjacent to the Box Office. Entry to both performance areas are enclosed with two sets of double doors to damper noise. Flooring is stone tile. Exterior of Campus is fully visible due to full wall exterior windows. Arrangements can be made to exhibit Art works within the Lobby in display cases.

Size and Occupancy

Width 13'-6"

Length	40'-0"
Maximum Holding Occupancy	100

Dressing Rooms

Stage Level

<u>Room</u>	<u>Usual Purpose</u>	<u>Capacity</u>
Star Dressing Room	Quick Changes/ Principles	3

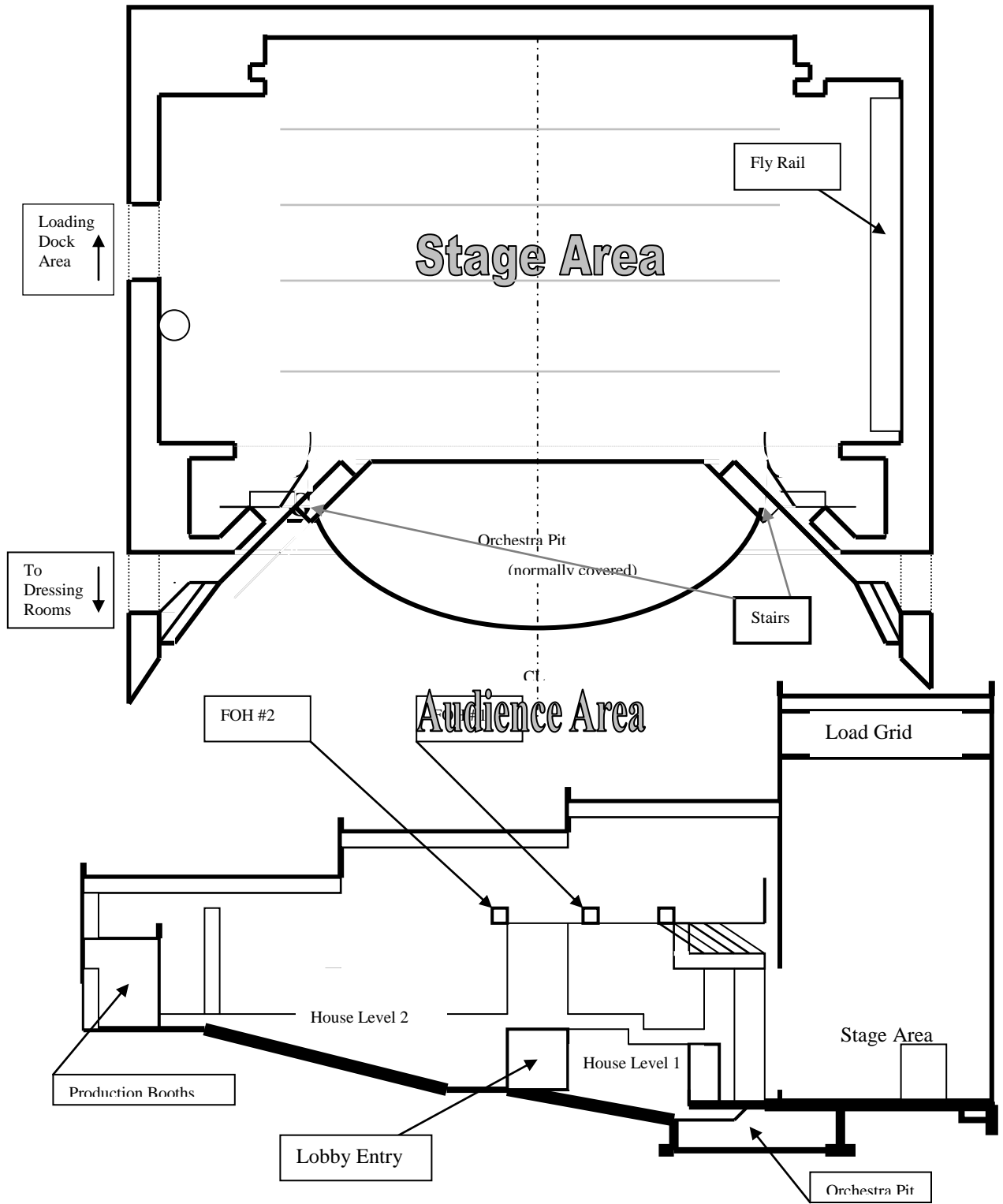
*Black Box Theater can be used for larger groups as a changing area

Upper Level

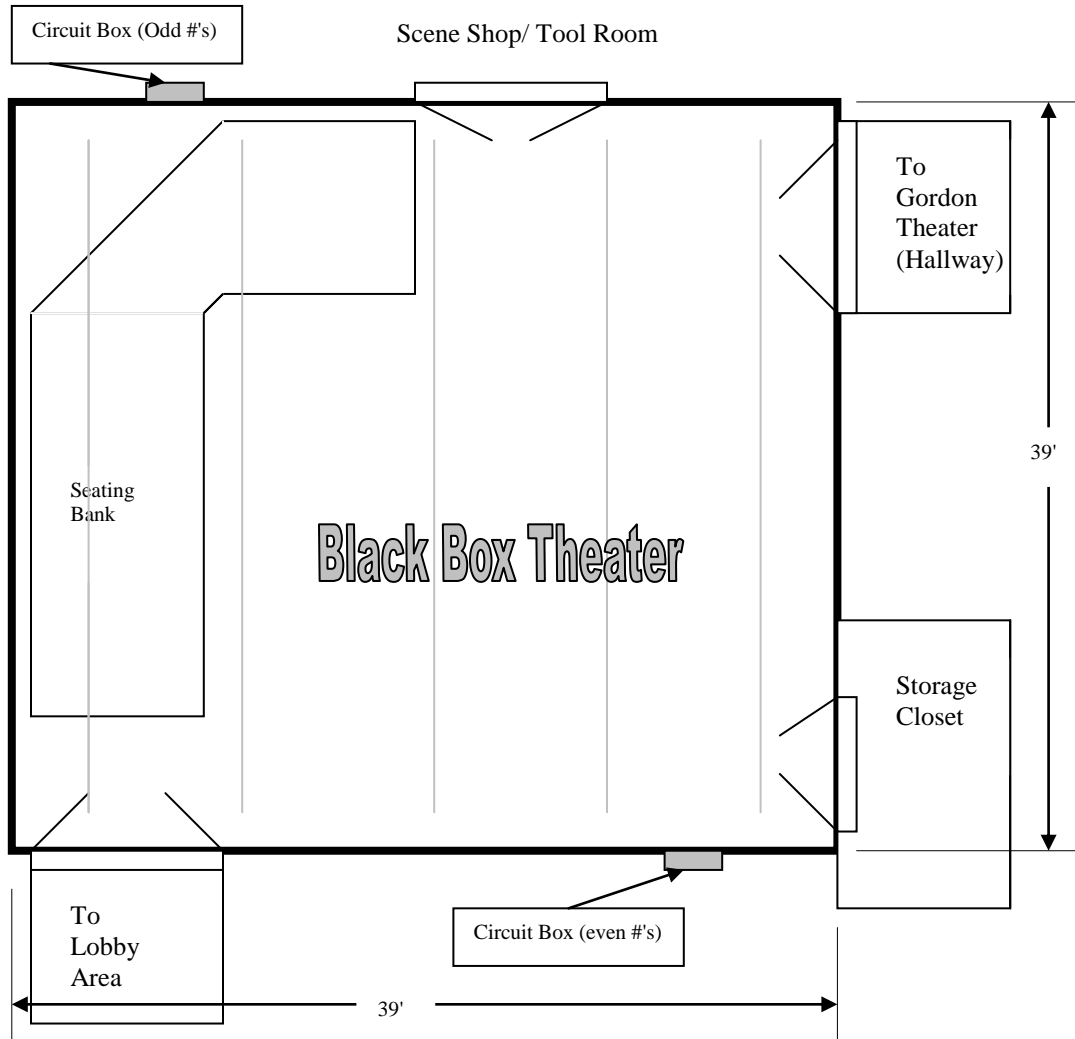
Dressing Room #2	Chorus/ Women's	12
Dressing Room #3	Chorus/ Men's	12

All Dressing Rooms equipped with full counters, mirrors, lights, outlets, costume racks, running water, bathroom, and clearcom system. *There are no showers within the facility.

Walter K. Gordon Theater Configuration



Studio Theater/ Black Box Configuration



RCCA Lobby Configuration

