

Farthing Auditorium

Updated Technical Rider 6/11/07

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Street address:
Farthing Auditorium
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Stage Dimensions

- * Proscenium Width: Maximum 56'-0" Minimum 40'-0"
- * Proscenium Height: Maximum 28'-0" Minimum 18'-0"
- * Plaster Line to Back Wall: 41'- 7"
- * Plaster Line to Most Upstage Batten: 33'- 5"
- * Apron Depth: Arc from Proscenium 2'-0" to 5'-0"
- * Height of Stage from House Floor: 3'-6"
- * Stage Left Wing: 5'-0" by 35'-0"

- * Stage Right Wing: 25'-11" by 44'-0"
- * Grid Height from Stage Floor: 60'-0"
- * Maximum Trim Height: 56'-0"
- * Loading Door: 12'-10" by 13'-6", Located Upstage Right Wing
- * Loading Dock: 24'-9" x 11' x 3'-2"

The loading dock is located around a sharp bend. The largest rig so far accommodated has been a 48' trailer pulled by a double-sleeper Peterbilt. (That particular driver also parked square to our dock on the first try... good luck!) When entering from Rivers Street, large trucks and buses should pull straight up the hill towards the front of the building, then back all the way through the parking lot to the dock. There is a QuickTime movie of a successful parking job available in our [Virtual Tour](#).

Stage Floor: Flat Black Painted
Tongue and Groove oak, over shock absorbent filament, over concrete pad.

ABSOLUTELY NO NAILS, SCREWS, STAPLES, LAG BOLTS OR STAGE SCREWS MAY BE PUT INTO THE STAGE FLOOR.

LIGHTING POSITIONS

Electric #1

Number of Circuits: 24, twofered
Circuit #'s 39-62
Location: Lineset #5, 4' 6" from Proscenium

Electric #2

Number of Circuits: 24, twofered
Circuit #'s 63-86
Location: Lineset #17, 13' 10" from Proscenium

Electric #3

Number of Circuits: 24, twofered

Circuit #'s 87-110

Location: Lineset #27, 21'10" from Proscenium

Electric #4

Number of Circuits: 24, twofered

Circuit #'s 111-134

Location: Lineset #37, 29' 10" from Proscenium

6 Mobile Drop circuit boxes

Number of Circuits per box: 8

Circuit #'s 141-188

Box Booms

Number of Circuits: 6 House Right, 6 House Left, twofered

Circuit #'s 27-32, 33-38

Location: 44' 6" throw to CL/Plaster Line (from bottom position)

Angles from 30 to 45 degrees

Photo of Stage Right box boom, and the angle to the stage

HR Beam Position

Number of Circuits: 8 twofered

Circuit #'s 1-8

Location: 50' throw to plaster line

60 degree angle

HC Beam Position

Number of Circuits: 10 twofered

Circuit #'s 9-18

Location: 50' throw to plaster line

60 degree angle

HL Beam Position

Number of Circuits: 8 twofered
Circuit #'s 19-26
Location: 50' throw to plaster line
60 degree angle

DSR Wall Pocket

Number of Circuits: 3
Circuit #'s 135-137

DSL Wall Pocket

Number of Circuits: 3
Circuit #'s 138-140

US Wall Pocket

Number of Circuits: 4
Circuit #'s 189-192

Stage Floor Pockets

Non-fuctional

All circuits are wired dimmer-per-circuit into a Dual ETC Sensor SR48+ Rack located in the Backstage work area. All circuits are 2.4Kw, and terminate in 3-pin stage pin receptacles. In addition to our hardwired circuits, we have an ETC 24 circuit 1.8 kW SmartPack Touring Rack available. There is a 400Amp Show Power Disconnect in the Upstage Left corner for connection of this or other portable dimming equipment. Connection may be made via bare-wire or thru the use of Cam-Lok connectors.

All dimmers are DMX512 controllable via an ETCNet2 network system, if your system is not ETCNet2 compatible we will provide a Multi-port Gateway for access into the system. There are network jacks distributed throughout the facility, including the house booth, spot booth, backstage Stage Managers Panel (SMP), four on the grid, box booms, balcony rail and FOH catwalk. If you

wish to use the system to distribute your DMX to any of these locations be aware that the building only owns one fixed Gateway at the SMP and one portable Gateway, please plan accordingly or bring your own compatible Gateway. The system is a POE system.

STANDARD SCHEDULE OF RIGGING / DRAPES / MASKING

Line Set # / Distance From Proscenium Opening / Description:

1. * 1'0" Valence/Electric Winch (Plum)
2. * 2'0" Grand Drape/Traveler SR (Plum)
3. 3'2" Teaser (Black)
4. 3'10" Legs (Black)
5. 4'6" Electric #1
6. 5'2" Spare
7. 5'10" Spare
8. * 6'6" Screen
9. 7'2" Spare
10. 9'2" Spare
11. * 9'10" Acoustic #1
12. 10'6" Spare
13. 11'2" Spare
14. 11'10" Border
15. 12'6" Legs
16. 13'2" Spare
17. 13'10" Electric #2
18. 14'6" Spare
19. * 15'2" Concert Drape (Full Black Traveller)
20. 17'2" Rear Projection Screen
21. * 17'10" Acoustic #2
22. 18'6" Spare
23. 19'2" Spare

24. 19'10" Border
25. 20'6" Legs
26. 21'2" Spare
27. 21'10" Electric #3
28. 22'6" Spare
29. 23'2" Spare
30. * 25'2" Traveller Hardware
31. 25'10" Spare
32. * 26'6" Acoustic #3
33. 27'2" Spare
34. 27'10" Border
35. 28'6" Legs
36. 29'2" Spare
37. 29'10" Electric #4
38. 30'6" Spare
39. 31'2" Spare
40. 31'10" Spare
41. 33'2" Border
42. 33'10" Spare
43. 34'2" Black sharks tooth scrim
44. 35'2" CYC
45. * 35'10" US Blackout
46. 36'6" Muslin Bounce

LINESET NOTES:

- * Single purchase system.
- * Battens are 60' in length. Pipes are 2" OD.
- * Empty pipe weight is 120 Lbs.
- * Capacity of each arbor is 1400 Lbs. after pipe weight.

All non-removable items denoted by (*), and include:

- * *Acoustic clouds (#11, #21, #32)
- * *Travelers (#19, #45)
- * *Grand Drape & Valence (#1, #2)
- * *Projection Screen (#8, #20)

- * *Electrics are double pipe and include fixed raceways, these cannot be removed.
- * Maximum trim height is 56'. Pipes will fly into 4'11"
- * Maximum trim height for electrics is 50'.
- * Last line set is 8'10" from back wall.
- * 5 Flat Black Borders are 10' Long and 58 Wide (piped bottoms)
- * 5 House Spare Borders (with Fullness) are 11' long and 64' wide.
- * Legs are 30' long and 17'6" wide.
- * Available weight (all suitable soft goods removed) - 6500lbs.

INTERCOM SYSTEM

Type: ClearCom Headsets and Belt pack - Two Channel

Power supply: Located in Control Booth

Available Locations:

2 - Stage Right

2 - Stage Left

2 - Spotlights

1 - Audio (Control Booth)

1 - Lighting (Control Booth)

1 - Center of House at Portable Mixer location

1 - Tech Director's office

1 - Asst. Tech Director's office

10 - ClearCom Headsets

10 - ClearCom Belt packs

Paging system is available to dressing rooms from microphone and is connected to Dressing room monitors.

LIGHTING INVENTORY

** 10 ea. ETC Source 4's @ 19 degree configuration

91 ea. ETC Source 4's @ 575w instruments (can be configured with the following lens tubes)

5 ea. S4 50deg lens tubes
58 ea. S4 36deg lens tubes
47 ea. S4 26deg lens tubes

56 ea. Source 4 PARs with Very Narrow, Narrow, Medium, and
(54)Wide Lenses

4ea. 6 X 12 Altman 360Q Ellipsoidal with gobo slot @ 1kw FEL

4 ea. 6 X 9 Altman Ellipsoidal with gobo slot @ 750 EHG

4 ea. 6" Fresnels

6 ea. 4 cell Sky-Cyc Lights @1000 FCM

8 ea. Mini Floods @ 1000w FCM

Framing and Accessories

112ea. 6" Source 4 frames

65ea. 7" Source 4 Frames

2ea. Iris

10ea. Wide Door-Barn Doors

4ea. Short Door- Barn Doors

14ea. Gobo holders [14 City Theatrical Frames. Older styles
in house, but limited in quantity]

Color inventory available upon request
[MS Excel Document]

House uses 575W lamps for all S4 instruments

50' rope running lights

** These instruments are normally dedicated to the Beam position. They may be moved as needed, but are our best suitable instruments for FOH washes.

*Control Booth:

2 ea. Lycian M2: Model 02040, Medium Throw Lens
(2500W) Matched

2 ea. Orbitor Long Throw Follow Spots @ 300 watts (EZT
Marc 350GT Lamps) Un-Matched

2 Spotdot 2000 magnetic laser sights

DIMMER SYSTEM

* Type: ETC Sensor SR 48+

* Number of Dimmers: 192 ETC Sensor SR 2.4K (dimmer per circuit) & ETC 24 circuit 1.8 kW Smart pack touring rack.

• Controls:

○ ETC Emphasis 2D with a 125 face plate and 2 flat panel monitors (Suggested offline edit is Express 3 set to 500 channels)

-or-

○ ETC Expression 3 (400) 3 flat panel monitors

* Control Locations: Control Booth, Stage Right, House Audio Mix Position

HOUSE LIGHTS

* ETC Unison Control System

* Dimmer Location: Backstage work area

* Control Locations: Various

STAGE MANAGERS CONTROL STATION (DSR)

* Clock and Timer

* Net3 4 port gateway

- * Unison URLCD L.C.D. Panel
- * ETC SMARTFADE 12/48 Control Console

MISCELLANEOUS

- * +1600' single circuit cabling, Stage Pin, lengths of 10, 25, 50, & 100'
- * +1000' 6-circuit multi-cable, Stage Pin, lengths of 50, 100, 150'

AUDIO SPECIFICATIONS

- * **"Permanent"** speakers consist of an array of four JBL 4892's in the center cluster position, hung ten feet in front of the valence. There is a delay system with a delay of 90 ms to speakers located under the balcony. This center cluster array is controlled by a BSS Omnidrive, and powered by a QSC 2000 and a QSC 1500.
- * **"Movable"** House Speakers are Meyer CQ-1's, biamplified, self-powered, with coverage of 80°H x 40°V, which normally sit just inside the proscenium opening on either side of the stage.
- * **Possible configurations** include center cluster only, stage-level speakers only, center cluster and stage level, both mono or stereo, or left-right w/center fill.
- * "Movable" Front fills

HOUSE AUDIO EQUIPMENT

YAMAHA M7CL Digital Console- Our primary console which has 48 tracks in plus 8 stereo tracks. Provides onboard EQ and Compression on every channel with an entire digital effects rack built in.

Power Amps

- QSC 1400 and 1500's - JBL Mains
- Peavey CS800 - Under Balcony
- QSC 1400's - Monitors

Playback

- 2 Denon DN-C680 CD Players
- 1 Denon DN-790R Tape deck

Crossover

- Center Cluster: BSS Omnidrive, crossover set w/JBL Smaart and may not be changed.

Equalizers

- Ashly Protea Digital - (1) 4.24G, (1) 4.24GS, and (1) 4.24RD.
- Eight channels of digital EQ w/Remote unit - Channels 1-4 are assigned to Cluster, Balcony, Left & Right Mains, Channels 5-8 may either be monitors or inserts as needed.

Compression

- 1 ea. dbx 166 (2 channel w/gates)
- 8 ea. dbx 1046 (4 channel)

Monitors

- 4 ea. EAW stage monitors
- 2 ea. JBL Eons
- 2 ea. PEAVEY 1545 wedges w/15" speakers & horn
- 4 ea. RoadWorks wedges w/12" speaker & horn

Microphones

- 2 ea. Shure KSM-32 Condenser
- 1 matched pair of KSM 137's
- 2 ea. Shure KSM-137 Condenser
- 10 ea. Shure Beta 58
- 1 ea. Shure SM 57
- 4 ea. Shure SM 91
- 6 ea. Shure Beta 87a Condenser

- 1 ea. Shure Beta B52
- 8 ea. Shure LC Series Wireless Receivers with assignable frequencies
- 2 AKG PZM floor mics.
- 10 ea. Beta 87 Handheld wireless mics
- 6 ea. Shure CK1 Bodypack Transmitters w/Shure 83a lav
- 1 ea. EV PL 20
- 7 ea. EV N/D 408
- 3 ea. Crown PCC-160
- 2 ea. Samson Concert TD Wireless Receivers with 1 each Samson Hand-Held Wireless and Samson Wireless Lavalier w/Sony Capsule (186.6Mhz and 199.6Mhz)
- 2 ea. Sennheiser MD 441
- 6 ea. passive D.I. boxes
- 1 ea. active D.I. box
- 2 ea. AKG C3000

Cables

- 1 ea. 36 x 12 x 150' snake
- 1 ea. 3 x 16 x 100' snake
- 1 ea. 3 x 16 x 30' snake
- 1 ea. 4 x 2 x 75' snake
- +/- 1500' mic cables

MIC Stands

- 4 standard K&M mic stands w/ booms
- 4 mini K&M mic stands with booms
- stereo bar
- 7 ea. 6" Podium Stands
- 5 ea. 12" Goosenecks
- 15 ea. Ultimate Support and Atlas stands
- 8 ea. Boom Arms
- 1 ea. Atlas Overhead boom stand (extends to 12')

MUSIC STANDS

- *12 Wenger Roughneck stands
- *1 small stand rack
- *8 Universal Klip-lites w/ 8' cord
- *3 Universal Klip-lites w/ 8 bright white LED package (cordless)

DRESSING ROOMS

Women's: Located Stage Level, Stage right, and contains:

- * 1 - Chorus Room: Dimensions - 18' x 16'
- * Seating - 12
- * Mirrors - 10 (lighted)
- * 3 Clothes Rack
- * 2 Stage Monitors with Gain Control
- * 1 - Private Room: Dimensions - 8' x 8'
- * Seating - 2
- * Mirrors - 1
- * Basins - 1
- * 1 - Shower Room: Dimensions - 22' X 10'
- * Showers - 2
- * Toilets - 2
- * Basins with mirrors - 4
- * 1 water fountain

Men's: Located one flight upstairs from Stage Level, stage right, and is arranged like the Women's Dressing Room, except for the substitution of two urinals for two basins in the shower room.

*An additional single Dressing Room is located next door to the Men's Dressing Room:

Dimensions - 8' x 8'

Seating - 1

Basin with mirror (not lighted)

This room is normally used as the Visiting Production Office.

GREEN ROOM

The Green Room is located beside the women's dressing room at stage level, and allows accessibility to the lobby as well as the audience.

- * Size: 10' x 15' (at largest points)
- * Microwave
- * Refrigerator/Freezer (full sized)
- * 30" Range and 4 burner stove top
- * Coffee Pot
- * Large cooler
- * place setting for 10 (dinner plate, bread and butter plate, bowl, coffee cup and saucer, water glass)
- * Sink
- * Couch
- * 2 folding Chairs
- * Wall hung mirror

MISCELLANEOUS STAGE EQUIPMENT / POWER

- 1 – Steinway (D) Grand Piano, nine foot
- 1 – Steinway Grand Piano, seven foot
- 54 - Brown plastic chairs
- 10 - 2'5" X 5'11" folding tables
- 5- 1'5" x 5'11" folding tables
- 1 - Weighted base DC powered Genie lift (26' foot working height)
- 5 - 5' scaffold sections
- 2 - hand trucks
- 8 - portable 12' lighting booms on 50 lb. bases:
- 11 - Wenger ConcertMaster Band shells
- 8 - Wenger TravelMaster Band shells
- 1 - 30' x 48' dance floor
Dance Marley, semi-gloss finish grey/black 5strips- 5'4" x

43'(unstretched) 1strip 5'4" x 47'(unstretched). Overall depth of 31.9'in approx.

- 19 - Wenger 4'x 8' Risers: 5 @ 8", 7 @ 16", and 7 @ 24"
- 1 each - Heavy Duty Washer & Dryer, located backstage, in workshop area, stage right
- Company Switch/Power Service: Located USR wall (3 phase + neutral and ground, 400 amps per leg).
- Company Switch/Power Service: Located upstage center left wall (3 phase + neutral and ground, 200 amps per leg).
- 20 amp wall outlets are located on the upstage wall, stage right wing, and in the Orchestra pit.

Computer

2004 Series Macintosh Powerbook 12"PPC 512MB Ram VGA and DVI outputs available. Combo-drive CD-RW24x
MS Office 2004 Student Teach Edition, Protools, Spectrofu, Metrichalo
Safari, Quicktime Pro.

Ladders

Alluminum multi-function 17ft/5.2m extension latter or 7.8ft/2.3m step latter
4ft Type I step latter
16-28ft/4.8-8.5m Locking extension latter

Mirrors

1 trifold wardrobe mirror
2 3.5x5ft floor mirrors
6 1x4ft lightweight body mirrors

Platforms

1 Wenger Stage Conductors stand.
1 2'x2'x6.5" Black standing block*
1 2'x1'x6.5" Black standing block*
* may be interlocked to form a 2'x2'x13" two-step series

Stools

2- 24inch Black Leather plush-topped walnut stools with Rosewood finish.
2- 29inch Black Stools Wooden Top.

Rugs

2- 5'3"x7'4" Red Sultan Patterned Carpet
2- 7'10"x 10'10" Red Sultan Pattern Carpet
1- 5'3"x7'4" Blue Regal Fringed Carpet

1- 8'x8' Green Drum Riser carpet [cut to dimensions of two in-house risers]

Work light trees

2- Adjustable 3'-6' Light trees 120 volt Wet/Dry floods.

ORCHESTRA PIT/PLATFORM

- * Dimensions of pit: 56'-0" x 7'-0" (More room available behind a wall, with video monitoring of conductor's position available - confirm in advance)
- * Seating Capacity: 35-50, depending upon size and arrangement of instruments, and congeniality of players
- * Type of platform/pit cover: Wenger custom built; No hydraulic lift
- * Platform weight bearing: 125 lbs./sq. ft. capacity at 5' -10" above floor level.
- * **Pit platform has three levels only: stage level, 4' below stage level, and removed. It will not be possible to change platform's height once your group is on site. Please do not plan to decide the level of the platform once you are here! Pit floor is 8' below stage level.**