



WORTHAM CENTER FOR THE PERFORMING ARTS DIANA WORTHAM THEATRE TECHNICAL INFORMATION

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The Diana Wortham Theatre at the Wortham Center for the Performing Arts is a modern 500-seat proscenium theatre built in 1991, with exceptional acoustics and sightlines and one of the most active performance spaces in all of western North Carolina.

Seating Capacity:

- Orchestra Level 352
- Balcony 142
- Balcony Boxes 16

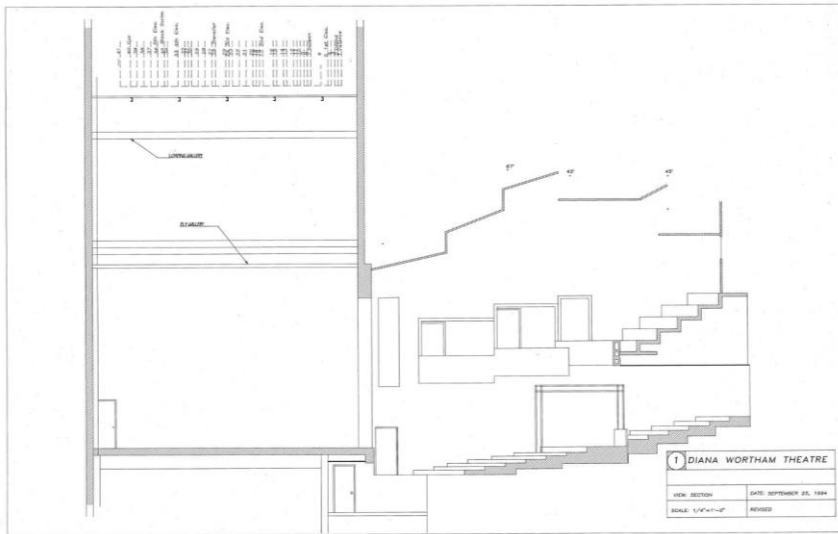
Ticketing:

- Fully computerized with the capacity to do reserved, general admission, or mixed houses.

Accessibility:

- The Diana Wortham Theatre at the Wortham Center is accessible.
- Wheelchair seating is available on the orchestra level.
- Wireless loop technology is available at no charge.
- All four dressing room areas are wheelchair accessible.
- Sign language interpretation can be scheduled with advance notification.

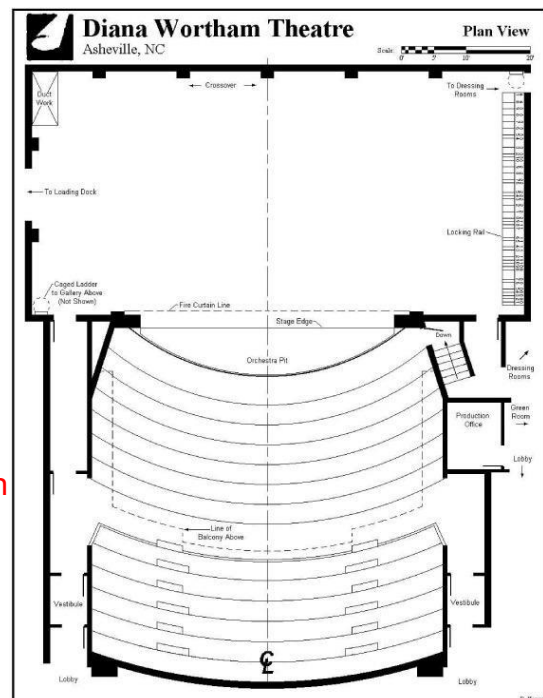
STAGE & THEATRE



- Proscenium Height: 24' at CL, 22' on offstage edge
- Proscenium Width: 39'-1"
- Plaster Line to stage edge: 2'-4"
- Plaster line to back wall: 39'-3"
- Proscenium edge to SL wall: 20'-6" minus soft goods and 4' for flyrail
- Proscenium edge to SR wall: 16'-8" minus soft goods
- Stage Floor is Quartersawn pine tongue in groove laid over neoprene and 2x4 sleepers.
- **Absolutely NO FASTENERS are allowed in the deck.**
- An orchestra pit is available. It will hold approximately 30 musicians. It is not Hydraulic, but is platformed level with the first row of seating.

The covering must be removed to utilize the pit.

- The theatre is very intimate, with the farthest seat in the balcony being no more than 60' from the edge of the stage. The balcony is moderately raked to provide optimum vantage.
- A tech table is available for location in Row H. There are connections for lightboard display, DMX, Remote Focus Unit, as well as power and Clearcom system. A lightboard monitor is available.



ELECTRICS

- Control: ETC IONxe 20 with 20 Fader Wing
- Dimming: 255 2.4K ETC L86 Dimmers wired dimmer per circuit.
- Houselights: Controllable from lightboard or separate house light controls in the booth.

Lighting Positions:

Front of House

Near catwalk: 55' wide ~45 deg. Inclination from stage, throw is ~45' @CL

- (8) relayed circuits w/Edison plugs
- (4) dimmed circuits w/2P&G plugs

Far catwalk: 55' wide ~35 deg. Inclination from stage, throw is ~55' @CL

- (8) relayed circuits w/Edison plugs
- (4) dimmed circuits w/2P&G plugs

Balcony rail: 20' wide ~10 deg. Inclination from stage, throw is ~40' @CL

- (4) relayed circuits w/Edison plugs
- (4) dimmed circuits w/2P&G plugs

Box booms: Hang from hand railing in opera boxes, ~25 deg. Inclination from stage, ~30' throw to CL

- (2) relayed circuits w/Edison plugs per side
- (2) dimmed circuits w/2P&G plugs per side

Antiproscaenium: Directly above orchestra pit, only useful for downlighting pit and very lip of stage.

- (4) relayed circuits w/Edison plugs
- (2) dimmed circuits w/2P&G plugs

Overstage

First electric permanently on LS 5

- (8) relayed circuits w/Edison plugs
- (4) dimmed circuits w/2P&G plugs

Other over stage electrics are movable with (8) drop boxes each containing

- (4) relayed circuits w/Edison plugs
- (2) dimmed circuits w/2P&G plugs

See Lineset schedule for standard positions. Changes to the standard positions must be discussed with and approved by the production manager a minimum of two weeks prior to show dates.

On stage

- (8) 10' booms with plate steel bases and 1.25" steel pipe
 - Booms are cabled from above, dropped from midrail
- (4) relayed circuits w/Edison plugs per side
- (2) dimmed circuits w/2P&G plugs per side
- (16) 18" lightsource mega baby side arms
- (24) 12" lightsource mega baby side arms

Upstage wall

- (6) relayed circuits w/Edison plugs
- (6) dimmed circuits w/2P&G plugs
- Floor plates are available

Lighting Inventory:

(51) Source 4 series 1 Lustr+

- (1) 19-degree EDLT
- (22) 26-degree EDLT
- (26) 36-degree EDLT
- (3) 50-degree EDLT

(40) Source 4 WRD

- (12) 14-degree standard lens tube
- (20) 19-degree standard lens tube
- (11) 26-degree standard lens tube
- (33) 36-degree standard lens tube
- (5) 50-degree standard lens tube

(30) D60 Lustr+

- (34) D60 Very Narrow Round Diffuser
- (33) D60 Medium Round Diffuser
- (32) D60 Wide Round Diffuser

(30) Source 4 PAR 750w (conventionals)

- (30) Very Narrow Lens
- (31) Narrow Lens
- (28) Medium Lens
- (29) Wide Lens

(13) Colorsource Cyc

- (7) Top cyc
- (6) Ground row

(7) Elation Pro SIXPAR 100

(5) Chauvet Maverick MK2 profiles

(2) Source 4 Ellipsoidal 750w Follow spot (with handle) — located in far catwalk: one house right, one house left

(1) Altman Explorer 1200w HMI Follow spot — located house right in far catwalk

Accessories

- (71) “A” size Template Holders
- (22) “B” size Template Holders
- (3) Iris
- (2) DMX Rotating Iris
- (12) 7.5” Top Hats
- (4) 7.5” Barndoor
- (10) 7.25” Slim Barndoor
- (10) Floor Bases
- (11) Boom Bases

Note: Please check the inventory with the Production Manager for any units out for repair.

FLY SYSTEM & RIGGING

- Single Purchase Counterweight System. 41 sets total.
- Grid height: 51'-3"
- Batten high trim: 49'
- Batten low trim: 4'
- Battens are 2" OD steel pipe
- Battens have 5 loft lines 1 @ CL, 2 @ 11'OC(either side), 2 @ 22'OC(either side)
- Batten Length: 49' except Line # 40 which has trussed pipe for cyclorama 56'wide.
- Arbor capacity: 1200lbs
- Counterweight in house: 20 tons
- The Locking Rail is Stage left at deck level.
- There is a loading rail Stage Left near grid height.
- There is a mid-rail Stage Left that is used for loading and as a pin-rail
- There is a mid-rail Stage Right that can be used as a pin-rail.
- Soft Goods: (as indicated in Lineset Schedule)
- 1 49'w x 8'h Burgundy (Red) Velour House Valence with fullness.
- 1 Burgundy (Red)Velour House Main Curtain will Travel or Fly
- 1 14'2"h x 28'2"w Movie Screen suitable for front projection only
- 5 Sets (10) of black velour legs 8'w x 24'h hung flat
- 5 Black Velour Borders 49'w x 8'h hung flat
- 1 Black Sharkstooth Scrim 49'w x 24'h
- 1 Off White Filled Lino Cyclorama 54w x 25'10" h
- 1 Black Velour Traveler in fullness 51'w x 23'10" h with a 39'6" maximum opening

Lineset Schedule: **Venue prefers not to move.

Lineset #, Distance from Plaster Line, House Hang

- 1 2'-2" Valence (Red)****
- 2 2'-8" Main Curtain ** (Red)(Fly or Trav.)**
- 3 3'-2" #1 Black Border (6x50) & #1 Black Legs (24 x 8)**
- 4 3'-8" Drop Storage****
- 5 4'-2" 1st Electric (32 ckts.)**
- 6 5'-2"**
- 7 6'-8" Movie Screen ** (14'2" h x 28'2" w)**
- 8 7'-2"**
- 9 7'-8"**
- 10 8'-2"**
- 11 8'-8" #2 Black Border (8x50)**
- 12 9'-2" #2 Black Legs (24x8)**
- 13 10'-2"**
- 14 10'-8"**
- 15 11'-8"**
- 16 12'-2" 2nd Electric (24 ckts.)**
- 17 13'-8"**
- 18 14'-2"**
- 19 14'-8" #3 Black Border (8x50)**
- 20 15'-2" #3 Black Legs (24x8)**
- 21 16'-2"**
- 22 17'-2" 3rd Electric (24 ckts.)**
- 23 18'-2"**
- 24 18'-8"**
- 25 19'-2"**
- 26 20'-8" #4 Black Border (8x50)**
- 27 21'-2" #4 Black Legs (24x8)**
- 28 22'-2" Full Stage Black Traveler ****
- 29 23'-2"**
- 30 24'-2" 4th Electric (28 ckts.)**
- 31 24'-8"**
- 32 25'-2"**
- 33 26'-2"**
- 34 27'8" #5 Black Border (8x50)**
- 35 28'-2" #5 Black Legs (24x8)**
- 36 29'-2" Black Scrim**
- 37 30'-2" 5th Electric (16 ckts.)**
- 38 31'-2"**
- 39 32'-2" Full Stage Split Black**
- 40 33'-2"**
- 41 34'-8" Cyclorama ****

AUDIO

PA

- 4 D&B 24S mains
 - Upper and Lower house L/R
- 4 D&B E6 front fills
- 2 D&B 21S subs
- D&B 30D Amplifiers

Consoles

- Midas M32R In booth
- Midas M32
 - Placed in the house for shows with live mixing

Monitors

- 6 QSC K10

Playback

- Tascam MD-CD1MKIII MiniDisc/CD player
- MAC Mini with Q-Lab

Direct Boxes

- 4 Radial ProDI
- 1 Radial Trim Two Stereo DI
- 4 Whirlwind IMP2

Microphone Stands

- 18 K&M Tall tripod stands with telescoping boom
- 6 K&M short tripod stands with telescoping boom
- 6 K&M round base straight

Microphone Inventory

- 1 Shure SM58
- 4 Shure beta 58A
- 4 Shure beta 57A
- 2 Shure beta 87C
- 1 Shure beta 52A
- 3 Sennheiser e604
- 2 Sennheiser e609
- 4 AKG 451 with
 - 4 CK 1 cardioid capsules
 - 2 CK 9 shotgun capsules
 - 2 CK 22 omnidirectional capsules
- 2 Shure ULXP4 Wireless with
 - 2 ULX2-M1 handheld transmitters
 - 2 SM58 capsules
 - 2 ULX1-M1 belt pack transmitters
 - 2 93 lavalier mics
- 2 Shure ULXD4 Wireless with
 - 2 ULXD2 handheld transmitters
 - 2 beta 58A capsules
 - 2 beta 57A capsules
 - 2 ULXD1 belt pack transmitters
 - 2 93 Lavalier mics

Backline:

6' Steinway Piano (for use in Diana Wortham Theatre only)

Yamaha Clavinova CLP685 88 weighted key Electric Piano (for use in any venue)

Projector:

Epson PowerLite L610U Laser Projector, 6K Lumens (front screen projection only)

Connections in sound / light booth and on stage left.

Movie Screen

Lineset 7 (14'2" h x 28'2" w) (does not move from position)

DRESSING ROOMS & BACKSTAGE FACILITIES

Stage Level

- Visiting Production Office (Must be pulled from dressing rooms or crew room)
- Green room SL will hold 10-15
- 2 principal dressing rooms SL each with a shower, sink, toilet, mirror suitable for 2-4 individuals each. Wheelchair Accessible.
- Hallway to Loading dock SR
- Electrics Shop and Storage Room SR Suitable for case storage, light construction, or Production Office.

Balcony Level

- 1 SL upstairs Chorus dressing room w/ 4 cubicles. Showers, Sinks, Toilets, and Mirrors w/ make-up lights. Suitable for 20-24 individuals.

Basement Level

- Same as Balcony level.

Note: All dressing rooms, green room, and backstage hallways have stage monitor system and stage manager announce system. Announcements can only be made from the stage manager's console, SL.

LOADING DOCK

- Dock is located at 6 S. Market St., south of Pack Square across from municipal (police/fire) building.
- Loading dock is 18' wide x 90' long.
- Dock Height is 41". A small dock plate is available. No Forklift available.
- Dock Door is 12'w x 10'h. Corridor leads from Dock to Stage via 2 7'5"w x 9'-7"h doors and a 40' hallway.
- No Shore Power is available.
- Dock is to be used for loading and unloading only. Vehicles may not remain in dock overnight without advanced permission from the Facilities Manager. The owner assumes all risk of damage.
- Dock serves multiple facilities and as such is not the property of the theatre, although every effort is made to facilitate users' needs. Loading dock space must be scheduled with the Wortham Center's Facilities Manager in advance for load-in and load-out.

ADDITIONAL EQUIPMENT

- 1 Iron
- 1 Ironing Board
- 1 Steamer
- 1 Refrigerator
- 6 4x8 Risers (legs at 8", 16", or 24")
- 1 approx. 40'x40' Double Sided Dance Marley Black or White

CONTACT US

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