



## 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:**

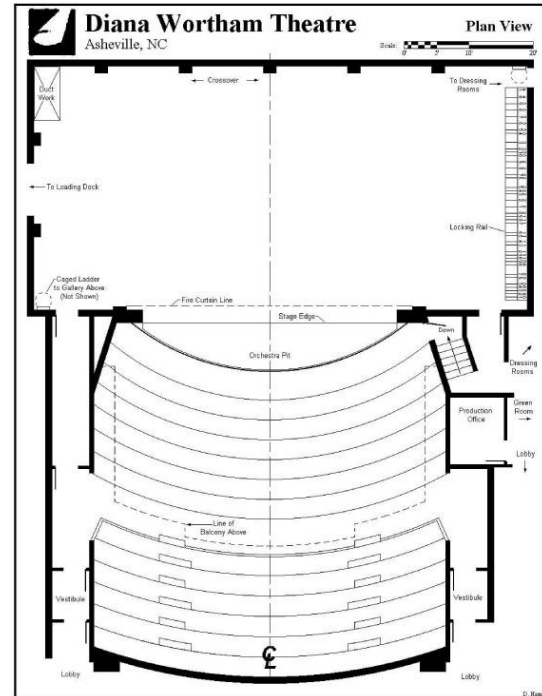
- Fully computerized with the capacity to do reserved, general admission, or mixed houses.

### **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.

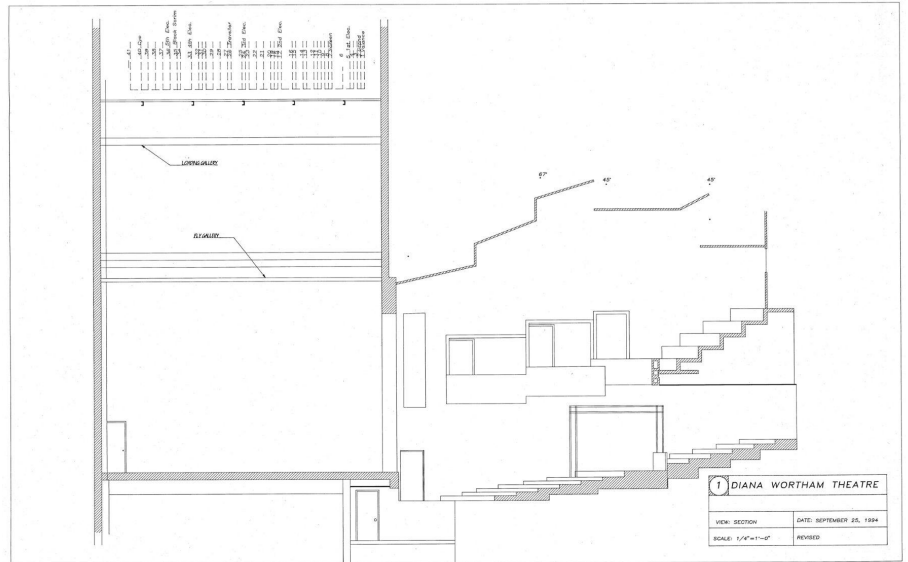
## Stage and Theatre:

- Proscenium Height: 24' at CL, 22' on offstage edges
- 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.



## Lighting:

- Control: ETC IONxe 20 with 20 Fader Win
- 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
- (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:**

### **(52) Source 4 series 1 Lustr+**

- (4) 19 degree EDLT
- (26) 26 degree EDLT
- (18) 36 degree EDLT
- (4) 50 degree EDLT(LED only)

### **(58) Source 4 WRD**

#### **(15) Source 4 ERS 575W (Conventionals)**

- (12) 14 degree standard lens tube
- (20) 19 degree standard lens tube
- (20) 26 degree standard lens tube
- (34) 36 degree standard lens tube
- (8) 50 degree standard lens tube

## **Accessories**

- (10) "A" size template holders
- (24) "B" size template holders
  - (2) Iris
  - (2) DMX Iris
  - (8) 7.5" top hats

### **(33) D60 Lustr+**

- (33) D60 Medium Round Diffuser
- (33) D60 Wide Round Diffuser

### **(20) Source 4 PAR 750w (conventionals)**

- (20) Full lens kits

### **(14) Colorsource Cyc**

- (7) top cyc
- (7) ground row

### **(6) Chauvet Maverick MK2 profiles**

**(2) Altman Explorer 1200w HMI Followspots** — located house left and house right in far catwalk

**Note: Please check the inventory with the Technical Director for any units out for repair.**

## **Fly System and Rigging:**

- Single Purchase Counterweight System. 41 sets total.
- Grid height: 51'-3"
- Batten high trim: 49'
- Batten low trim: 4'
- Battens are 2" ID 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 Grey Filled Lino Cycloramas 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:

**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"
- 5 4'-2" **1st Electric \*\* (32 ckts.)**
- 6 5'-2" -
- 7 6'-8" **Movie Screen \*\***
- 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
  - Can be 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

### **Mics**

- 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 beltpack 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

### **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

### **Direct Boxes**

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

### **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.

## **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. Wheelchair Accessible via elevator.

### **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

### **Contact us:**

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