

## **Technical Capabilities of Towsley Auditorium**

updated February 2011 by WCC Media Services

### **Overview**

Towsley Auditorium hosts a wide variety of live events, from simple PowerPoint presentations to complex dance, music, and theatre productions. The audio system can support events ranging from simple spoken-word presentations to large music ensembles. The lighting system can handle everything from basic stage washes to custom theatrical productions. Four-camera video shoots can be mixed live and recorded or distributed. Free wi-fi internet access is available throughout the building. The data/video projector throws a bright 10'x15' image onto a motorized drop-down screen onstage. The raked house features 495 seats with perfect sightlines and two handicapped-accessible seating areas with room for 20 additional persons.

Contact Warren Nelson, Coordinator of Campus Events and Media Production at Washtenaw Community College for further technical information:  
[wenelson@wccnet.edu](mailto:wenelson@wccnet.edu) or (734) 477-8558.

Contact Patrick Downey, Manager of Conference Services at Washtenaw Community College for booking availability and rates: [pdowney@wccnet.edu](mailto:pdowney@wccnet.edu) or (734) 677-5033.



## **Microphones and Accessories**

### **Wireless Microphones**

Six handheld wireless microphones (Shure UXL2B58-J1)

Six bodypack wireless transmitters (Shure ULX1)

Six lavalier microphones for wireless bodypack (Shure WL183, WL93)

Six earset microphones for wireless bodypack (Countryman E6i)

### **Wired Microphones**

Ten dynamic cardioid microphones (Shure SM57 [qty=4], Shure SM58 [qty=4], Audix i5 [qty=2])

Four PZM microphones (Audio-Technica PRO44)

One shotgun microphone (Sennheiser MKH-416)

One side-address hi-fi condenser cardioid microphone (Audio-Technica AT2050)

Four DI boxes (Radial ProAV1)

Assorted microphone stands (tall-boom, tall-straight, medium-boom, desktop, gooseneck), clips and cables.

## **Installed Audio System**

One house main speaker system (Bose Panaray 502A/B), consisting of two subwoofers and two L-R pairs, approximately 500 Watts altogether, suitable for quiet-to-moderately-loud events.

Six channels of wireless microphone reception (Shure ULXP4-J1)

Five hanging (“choir”) retractable, repositionable condenser cardioid microphones (Audio-Technica Unipoint) suspended 8’ over the stage: DSR, DSC, DSL, USCR, and USCL

Two stage sidefill monitors (Anchor MPA-5100)

One 32-channel digital mixing console (Allen & Heath iLiveT80/iDR32)

One CD player (Denon DN-C640)

One CD-RW/cassette recorder (Tascam CC-222)

Thirty balanced audio inputs from stage to booth

Six balanced audio sends from booth to stage

Eight balanced audio sends from booth to house locations, backstage, box office

## **Additional Audio Equipment**

Two house main speakers (JBL SR4735X) w/ Speakon connectors, suitable for loud events

Four floor monitor wedge speakers (Yamaha SM12IV) with 1/4” connectors

Three power amplifiers (Mackie 1400)

Four powered speakers (ElectroVoice SXA100+)

Two wireless powered speakers (Anchor Liberty) with one wireless microphone

Six additional channels of wireless microphone reception with assorted handheld and lavalier microphone transmitters (note: available on the “Banshee” cart)

One DAT recorder (Tascam DA40)

## **Stage Equipment**

Six single-muff two-way intercom sets (Clear-Com)

One 9' grand piano (Steinway)

Ten black aluminum stage riser platforms (4' by 8') with 8", 12", or 24" legs available

One large woodgrain-finish podium with WCC seal

Three small fixed-height podiums, unmarked

Hundreds of armless and arm chairs

Dozens of 3'x5' tables with available white skirting

Eighty black solid-desk music stands (Manhattan)

One dark maroon manual grand curtain

One white upstage cyclorama

Two black leg curtains

Three black manual traveler curtains

Various large 10'x20' Persian-style and solid-colored area rugs

## **Video/Data Playback Equipment**

One wall-mounted rear-project multimedia projector, 5000 lumens (Sharp XG-V10WU)

One 15'x10' tensioned rear-projection motorized drop-down screen (Stewart)

One VHS/DVD playback deck

One Blu-Ray player (Panasonic DMP-BD85)

One multi-region DVD playback deck

One Windows 7 laptop suitable for running PowerPoint presentations (Dell)

Several assorted CRT and LCD television monitors on carts

Several assorted multimedia projectors on carts (Epson, Sharp various models)

Several assorted 6'-10' front-projection portable screens on tripod stands (Da-Lite)

## **Video Production Equipment**

One HD-SDI video switcher (Panasonic AVHS400AN)

Twelve coaxial video circuits from booth to various house/backstage/lobby locations

One P2 recorder (Panasonic)

One DVD recorder (Panasonic DMR-EZ28K)

One Blu-Ray disc and HDD recorder (Panasonic SR=HD1250US)

Three SD/HD-SDI videocameras (Panasonic HVX200 [qty=1], Panasonic HVX170 [qty=2])

Three tripods for videocameras (Manfrotto 503HDV/351MVB2K)

One Mac Pro workstation with Blackmagic Design Deck Link SDI capture card

One 37" HD-SDI monitor (Marshall VR371IMD)

One 17" HD-SDI monitor (Datavideo TLM170D)

## **Lighting Equipment**

One light console (ETC Congo Jr. with sidecar, two LCD displays)

96 channels of 2K dimmers distributed over one FOH pipe, three stage electric pipes, and four floor pockets

Four light trees

Two followspots (Lycian SuperArc 400)

Various stagepin extension cables and two-fers.

### **Stage Lamps:**

Source4 5 degree ellipsoidals	(qty=4)
Source4 10 degree ellipsoidals	(qty=6)
Source4 19 degree ellipsoidals	(qty=12)
Source4 26 degree ellipsoidals	(qty=6)
Source4 36 degree ellipsoidals	(qty=30)
Source4 50 degree ellipsoidals	(qty=4)
Source4 parnells	(qty=20)
Altman scoops	(qty=4)
Altman 2 color cyc lights	(qty=2)
Lee Colortran fresnels	(qty=12)

## **Communications**

Free Wi-Fi (802.11b/g) Internet coverage of stage, house, lobby, and outdoors.

Ethernet jack onstage for hardwired Internet connection

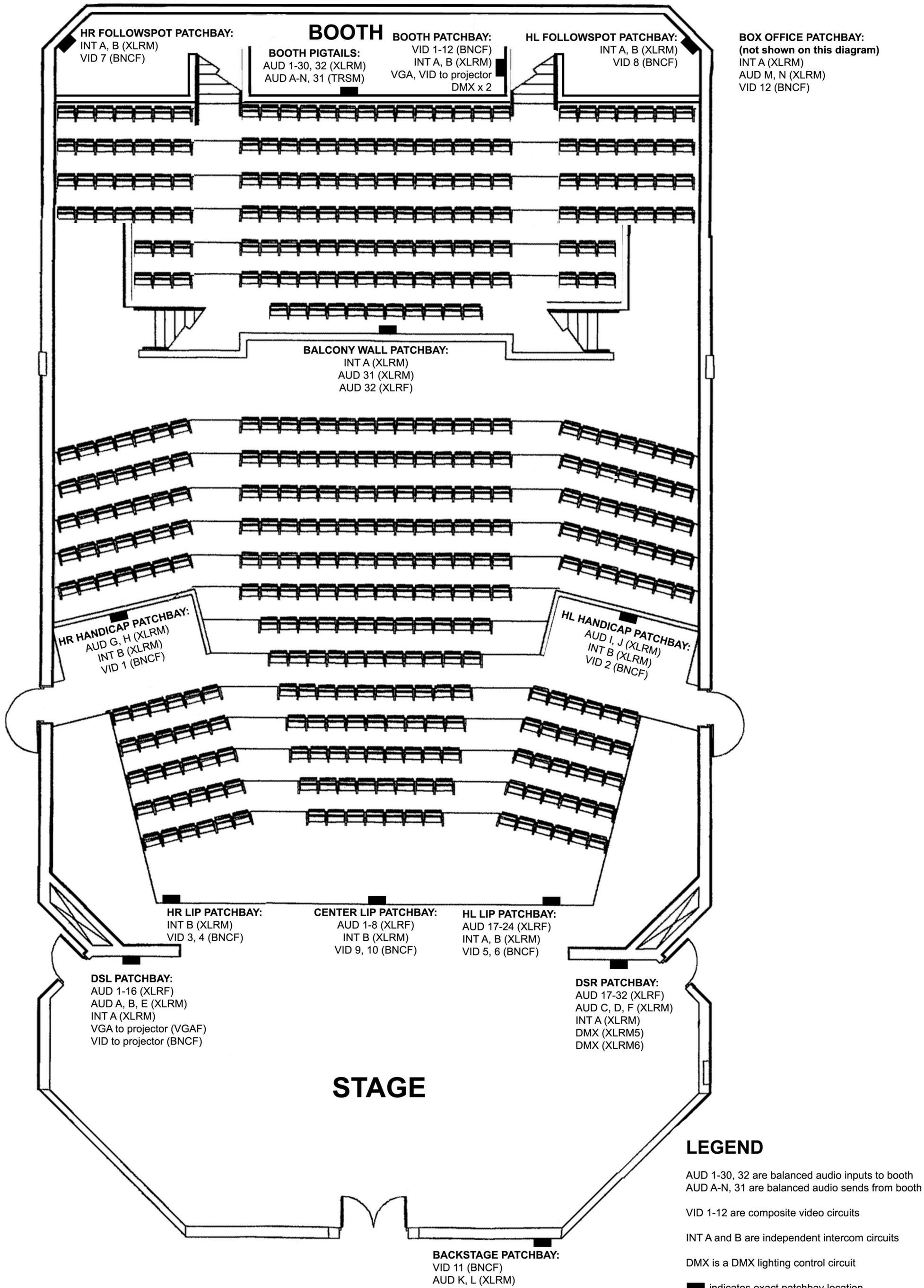
Telephone jack onstage

Lobby chime, controlled from Stage Manager's position (DSR wing)

# Towsley Auditorium and Stage

Patchbays for Audio, Video, Intercom, VGA, & DMX

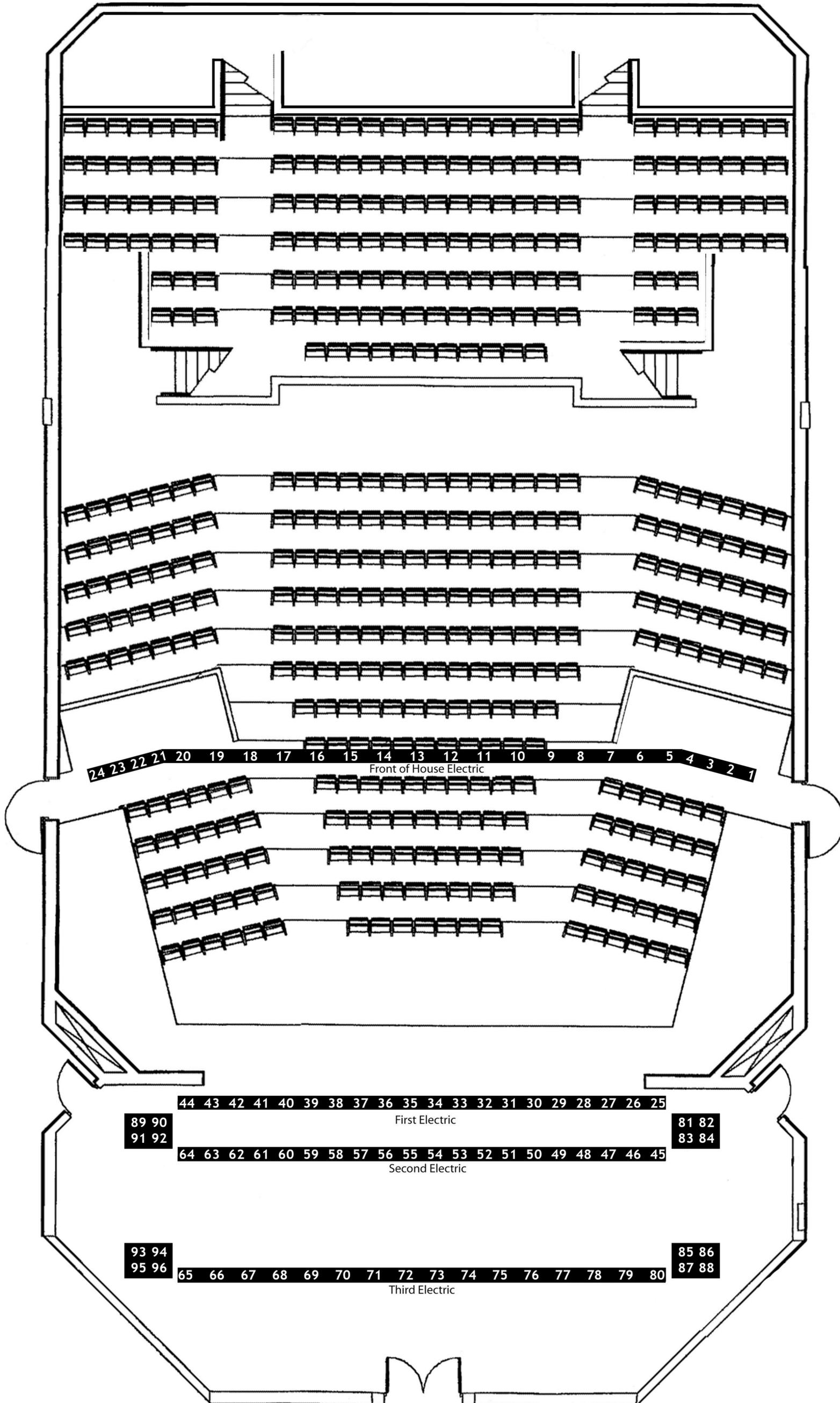
as of 2008.09.17



# Towsley Auditorium and Stage

Dimmer Locations for FOH, Stage Electrics, and Floor Pockets

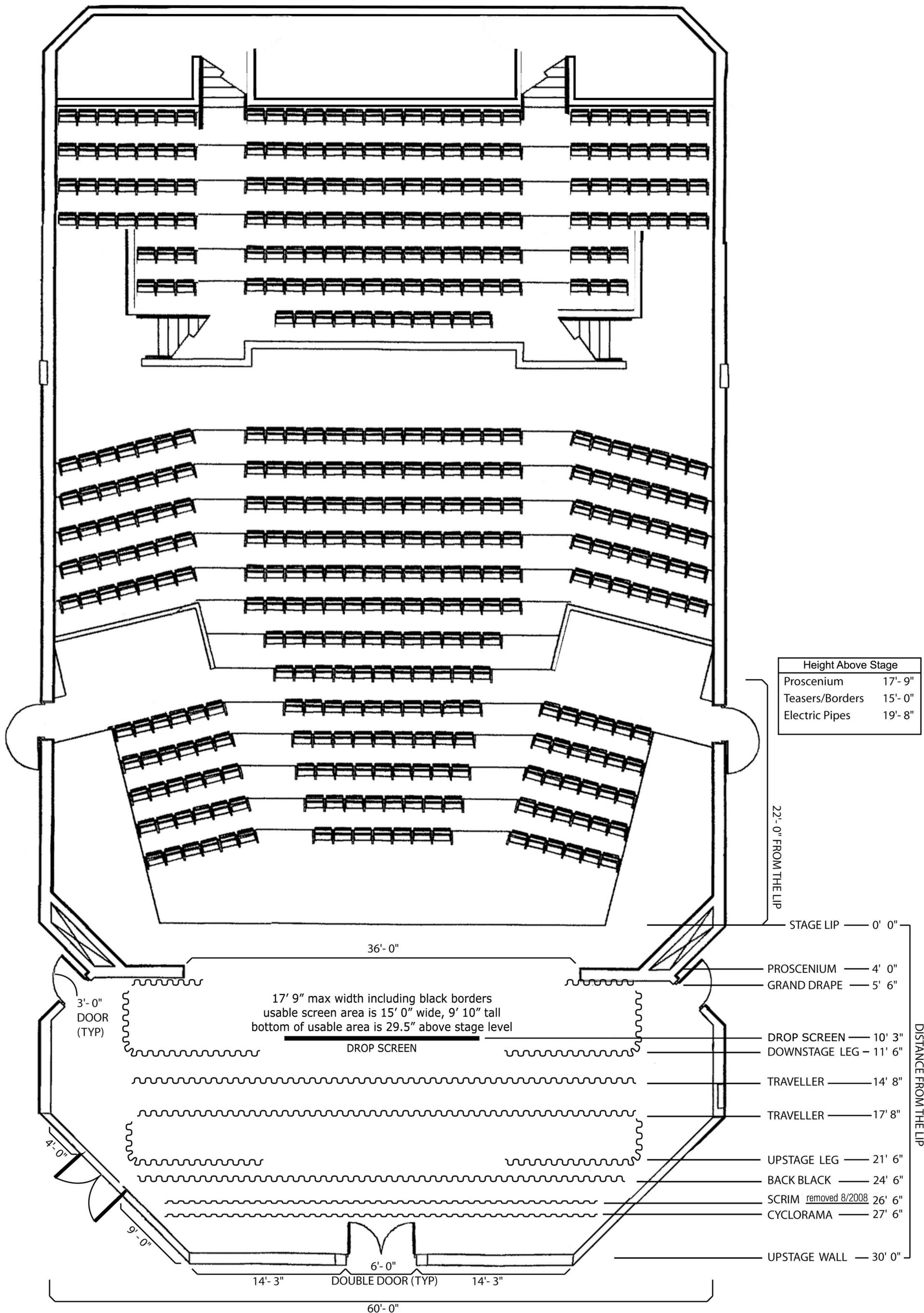
as of 2008.09.17



# Towsley Auditorium and Stage

## Stage, Drop Screen, and Curtain Dimensions

as of 2008.09.17



Height Above Stage	
Proscenium	17'- 9"
Teasers/Borders	15'- 0"
Electric Pipes	19'- 8"

DISTANCE FROM THE LIP

# Towsley Auditorium and Adjacent Rooms in the Morris Lawrence Building

