

## Orchestra, Uihlein Hall

### **Orchestra Shell:**

An orchestra shell is part of the theatre's permanent equipment.

The shell is made out of 22 gauge sheet metal and is completely motorized. The shell was designed by George Izenour and has a total weight of 26 tons.

In its set position, the shell measures 64' D.S. and 50' U.S. in width. Depth is 39' from the lip of stage to shell back wall. An additional 16' of stage depth can be added if the orchestra pit lifts are at stage level. Height of shell is 44'.

There are 4 doors located in the shell for access onto stage. Two are on SR and two on SL. The doors measure 5' wide by 7' high.

To move the shell to its stored position: the two side walls, at the upstage point swing off-stage and the entire side wall is lifted up toward the grid. Bottom clearance in its stored position (that is, stage to bottom of shell wall) is 41'. The side walls are stored far enough off stage for all system pipes to be flown in. The shell ceiling and rear wall store against the rear wall of the stage house (see Uihlein Stage side view.)

The shell ceiling has its own permanently mounted lighting fixtures. All are dimmable.

Also located within the shell are four rows of axially positioned acoustical baffles suspended from the ceiling.

### **Orchestra Pit:**

Two hydraulic pit lifts are located in Uihlein Hall. approximate size for Pit 1 (closest to stage) is 60' X 9'-6". Pit 2 is 67' X 6' -10".

Distance from House Curtain to orchestra pit: 8'-6".

An additional 8' of space under the lip of the stage is available when the pits are in the down orchestra pit location.

Pit 1 and 2 or just Pit 1 can be used in the orchestra pit setting, but not Pit 2 alone. This is due to Pit 1 having to be down for musician access.

The pits can be raised to the stage for additional stage space, or in the lowered auditorium setting 2 rows of seats may be added to each pit.

Access to the pit in the orchestra pit location is through the Trap Room, located in the basement. (Please see drawing marked "Orchestra Pit".)

NOTE: There is no direct access from the stage to the house.

### **Organ**

The Marcus Center owns a pipe organ, built by the Aeolian Skinner Organ Company.

The organ is mounted on an elevator which is located center of Uihlein Stage. When not in use, the organ is

stored in a specially constructed pit. The pit is 28' deep, 42' long and 11' wide.

When used, traps are removed, and the elevator will raise the organ to stage level within the orchestra shell. The console can then be placed anywhere on stage.

NOTE: The organ must be used within the orchestra shell.