

## Related Project Experience Planetariums and Other Specialty Theatres

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### **Fernbank Planetarium**

**Atlanta, GA**

Fernbank Science Center

TA provided acoustical and audiovisual consulting for the refurbishment of this theatre is circular with a 70-foot diameter dome forming the ceiling which also serves as a projection screen. Seating capacity is 500. These facts make the Fernbank Science Center planetarium one of the largest planetariums in the United States.

### **Oklahoma City Theatre - Kirkpatrick Science and Air Space Museum - Omnidome Theatre**

**Oklahoma City, OK**

iWERKS Entertainment

Evaluation of the 36,000-watt sound system and loudspeaker layout pattern for a 264-seat 15/70 dome theatre. This 17,000 square foot theatre is the first and only large format theatre in Oklahoma.

### **Indianapolis Children's Museum**

**Indianapolis, IN**

iWERKS Entertainment

Design of a 7 channel cinema audio system including the loudspeaker layout. Also designed a background music/paging system for the theatre queue area. Provided an acoustics review and IMAX performance testing of the theatre which seats 310 people. The CineDome is the United States' first iWERKS domed 15/70 theatre.

### **Finnish Science Center - 8/70 Theatre**

**Vantaa, Finland**

Huereka (the Finnish Science Center)

IMAX performance testing of an iWERKS Omnivision 8/70 domed theatre/planetarium. To bring the theatre up to performance standards, recommendations were made for improving the sound isolation of the projection booth.

### **Orlando Science Center – Cinedome**

**Orlando, FL**

iWERKS Entertainment

For this 15/70 dome theatre which seats 310 people, we designed the 28,000 watt digital audio system and the loudspeaker layout pattern for the 30 speakers which are grouped into 7 clusters. The Dr. Phillips CineDome is also used as a planetarium (with live video feed from the on-site observatory telescope) and for laser light shows.

### **UNC Chapel Hill Visitors' Center - Morehead Planetarium**

**Chapel Hill, NC**

Provided audiovisual programming and control system re-design and new technology specifications for the video theatre in the existing space of the Morehead Planetarium Building.

### **Washington Pavilion of Arts & Sciences - 8/70 Dome Theatre**

**Sioux Falls, SD**

City of Sioux Falls

Provided acoustical consulting services for the four-story 8/70 Dome theatre including sound isolation details to block outside traffic noise.

### **Rochester 's Planetarium Theatre**

**Rochester, NY**

MacGillivray Freeman Films  
Distribution Co.

IMAX performance criteria testing for a 225 seat domed planetarium/theatre. Provided measurements, observations and recommendations for projection systems, the sound system, and room acoustics.