

CASE STUDY

THE FISHER CENTER FOR THE PERFORMING ARTS

Belmont University | Nashville, Tennessee

 **ENTERPRISE
SOLUTIONS**



THE FISHER CENTER FOR THE PERFORMING ARTS

The Fisher Center for the Performing Arts is a world-class, 1,700-seat performing arts center at the heart of Belmont University's campus in Nashville, Tennessee.

This LEED Gold Certified building is the crowning jewel of the campus' art district along Belmont Boulevard.

The main hall is fashioned after a traditional opera house and is full of multi-use acoustical capabilities.

Category

Performing Arts Center

Size of Project

155,000 sq. ft.

Duration of Project

January 2019–September 2021

Owner

Belmont University

Architect

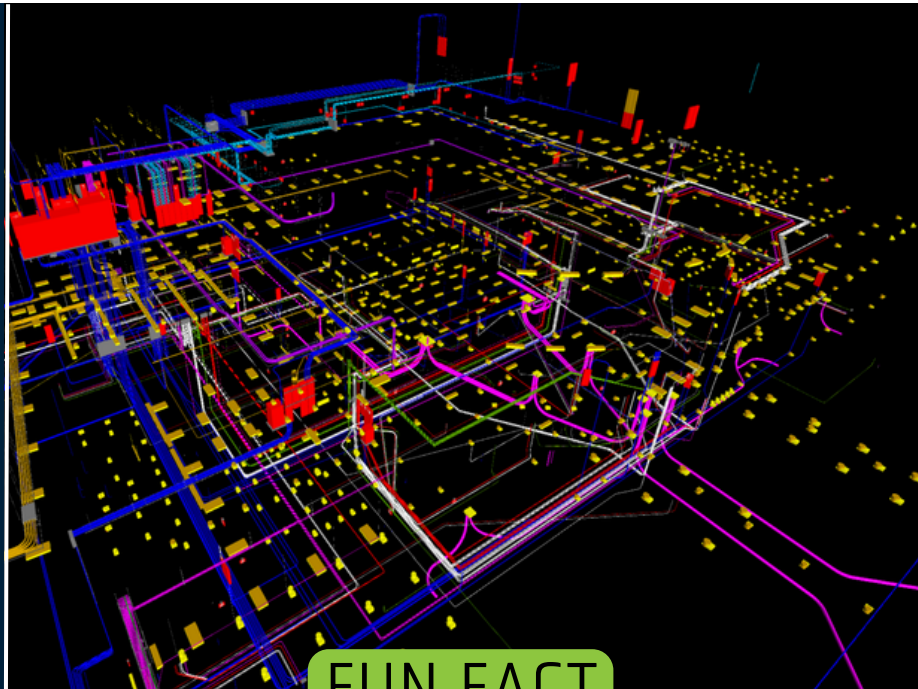
ESa

Engineer

I.C. Thomasson Associates, Inc.

Contractor

R.C. Mathews Contractor

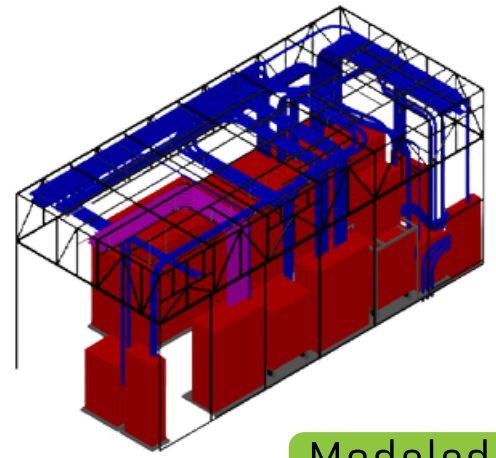


FUN FACT

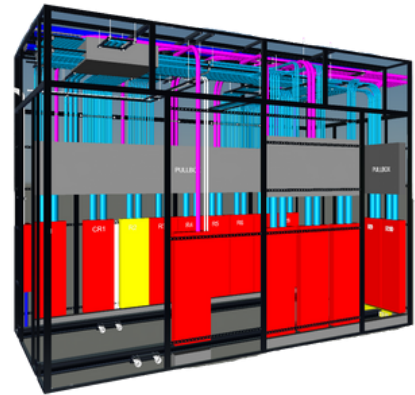
There are 115,000 feet of modeled conduit in this project which could nearly run the full length of the longest bridge in the United States – Lake Pontchartrain Causeway in Louisiana!

ELECTRICAL SCOPE

- Light fixtures
- Installation of owner-furnished "custom" fixtures
- Lighting controls (non-theatrical) in back-of-house areas to meet campus standards
- Theatrical lighting controls (dimming and relay panels)
- Switchgear
- 3000 KVA 15 KV Unit Substation
- 4000 Amp 480/277 Volt Gear
- 600kW Generator with associated ATS for emergency power
- Fire alarm
- Lightning protection
- Branch circuitry and feeders
- Mechanical connections
- Wiring devices
- Power wiring to equipment connections shown on electrical power plans
- Power wiring and conduit provisions for the fountains as shown on the electrical site plan
- Acoustical and fire caulk
- Conduit and back boxes for low voltage as shown on electrical systems plans
- Cable tray as shown on AV and systems drawings
- AV rough-in to terminations. Conduit consolidation per our revised design that incorporates the guidelines given for conduit fill by the consultant
- Isolation springs, mineral wool, and putty pads
- Pole bases for site lighting
- BIM
- Low voltage wiring (telephone/data, security, catv, cctv) Conduit only
- Camera system conduit only
- Theatrical light fixtures wiring and controls
- Rigging system wiring and controls
- Adjustable acoustics wiring and controls
- Theatrical equipment controls wiring and controls
- Theatrical lifts wiring and controls
- Theatrical lighting instruments and accessory wiring



Modeled
Electrical
Switchgear



Modeled
Electrical
Room

MODULAR ELECTRICAL SERVICES

Our modular electrical rooms and switchgear cages cut a substantial amount of budgeted time off the schedule thanks to the early integration and consistent collaboration between our virtual design team, project leadership, and the other trade partners.



Enterprise Solutions strives to embody innovation and efficiency in every project – and we did just that for the Fisher Center for the Performing Arts.

We are very proud to have been a part of creating this state-of-the-art performing arts center for Belmont University and we hope its uniqueness continues to gain praise throughout the art community across the world.



ABC Greater Tennessee Excellence in Construction Awards Dinner

Eagle Award Recipients for Commercial Electric