

## RITZ THEATRE AND MUSEUM RE-ROOF

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Jacksonville, Florida



**BEFORE**



**AFTER**

***Client/Contact:***

City of Jacksonville  
Department of Public Works  
Engineering Division  
Jerzy Z. Hubert, P.E., CBO

***Location:***

Jacksonville, Florida

***Project Size:***

33,000 SF

***Completion Date:***

April 2012

***Construction Cost:***

\$490,000.00

**The Challenge:** The new Ritz Theatre and LaVilla Museum has been open for nearly 14 years. The facility staff had recorded roof leaks after the first month of operation. In 2011 the City of Jacksonville retained VRL Architects, Inc. to prepare design documents for the repair and/or replacement of the roof. Multiple levels, parapets and roof top equipment provided opportunities for water intrusion. A recessed pit with mechanical equipment units also became a source of constant water intrusion.

**The Solution:** The existing single ply roofing membrane was removed and replaced with an SBS modified bitumen roofing system with aluminum clad flashing, and new aluminum coping. Inadequate mechanical equipment curbs were replaced with new. Additional insulation was also added to the roof.

Liquid flashing was successfully utilized in the recessed mechanical equipment pit along with aluminum clad flashing.

In addition to the roof replacement, all exterior joints were re-sealed and brick was repointed in numerous locations.

The new, light reflective roofing along with the added insulation has significantly reduced energy consumption for this facility.