



Credit Island Lodge

DAVENPORT, IA CASE STUDY

SUMMARY

Credit Island Lodge was built in 1922 to serve as a clubhouse for the golf course at Credit Island Park. Since then, it has been home of countless community events, weddings, and social gatherings for many Iowa residents and their families. In 2013, a fire ignited, and due to the dry floodproofing they had deployed, fire trucks had limited access to the building. The lodge was destroyed, but luckily it was able to stay standing, and 2 years later, SMART VENT® Flood Vents were installed. Flood Vents ensured it would continue to stay standing in the event of a flood and does not limit the access the firefighters endured in 2013.

SOLUTION

TYPE - Wet Floodproofing

PRODUCTS - (42) 1540-520 Insulated Flood Vents & Flood Vent Sealing Kits

FLOOD PROTECTION - 8,300 sq. ft.

INFORMATION & RECONSTRUCTION

INDUSTRY - Commercial

BUILDING USE - Community Events/Weddings

ARCITECT & ENGINEER - Stanley Consultants

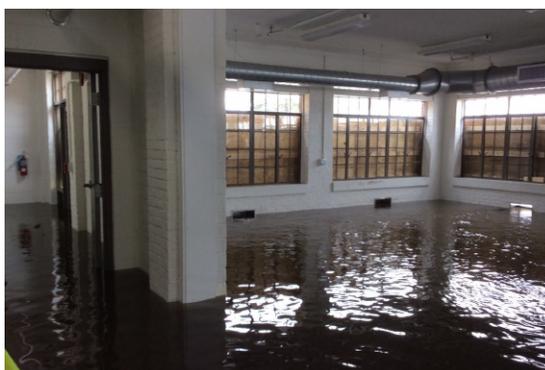
CONTRACTOR - Swanson Construction

PROJECT LOCATION

2200 W. River Dr.,
Davenport, IA., 52802



2013 Fire at Credit Island Lodge, Larry Fisher



Flood Vents in Use During 2019 Flood Event



PROTECTED BY SMART VENT®

Engineered flood vents are a wet floodproofing system used in residential & commercial structures. SMART VENT Flood Vents were part of the renovation work in 2015 and can be seen in the image on the front in the activated open position equalizing the hydrostatic pressure on the walls during a major flood event in 2019. In 2020, Flood Vent Sealing Kits were added to provide energy efficiency and a cleaner interior look against the foundation.

As a company, we strive ourselves on being the answer to uneasy flood related issues like this one. It's extremely humbling knowing we supplied the proper flood protection 5 years ago that kept the historic Credit Island Lodge safe and standing today. We're happy to know the lodge will continue to bring communities and families together for memorable events.



Flood Vent Installed in Lodge Entry Way



Before Flood Vent Sealing Kits Were Installed



After Flood Vent Sealing Kits Were Installed



Weddings and events have uninterrupted building access before potential flood events due to wet floodproofing, Scarlett Crews Photography

Davenport Parks and Recreation workers checked on the Credit Island Lodge and found flood vents working as they should, allowing in floodwaters to prevent structural damage to the beloved building.

- *The City of Davenport*

- 2016** Project of the Year (Disaster/Emergency Reconstruction/Repair, \$1M to \$2.5M category) by the Iowa Chapter of the American Public Works Association (APWA)
- 2016** American Council of Engineering Companies (ACEC) of Iowa also awarded the project with a Grand Award (1st place) in its annual Engineering Excellence competition
- 2016** National Recognition Award in the ACEC National competition

AWARDS