



## Al Cohen Storefront

St. Thomas, USVI

### Project Summary

This storefront was damaged by Hurricane Irma in 2018. Grant Engineering provided structural engineering for the 120-foot storefront replacement. This included the installation of a new steel beam spanning between the column lines of the existing prefabricated metal building. Analysis of the existing column web for buckling was also part of the design as shown below.

### Project Info.

Location: St. Thomas, USVI  
 Cost: \$550,000  
 Started: October 2020  
 Completed: January 2021

### Services Provided

Structural Engineering:  
 Designed structural support for storefront

### Market Sector

Disaster Recovery



**PLANNING**  
 Infrastructure Assessment  
 Capital Improvement  
 Land Use Master Plans



**ENGINEERING**  
 Site Civil Engineering  
 Structural Engineering



**SURVEYING**  
 Boundary Surveys  
 Topographic Surveys  
 Construction Stakeout  
 Infrastructure Mapping



**CONSTRUCTION**  
 Construction Management  
 Program Management  
 Construction Inspection  
 Contract Administration