

CASE STUDY

# STEEP ROOF



Valero Refinery > Aruba

## THE SCOPE

**40,000 SF**

of fiberglass  
roof panels

**8,000 LF**

of corrosive resistant  
fiberglass purlins

## THE CHALLENGE

Valero's storage facility, an "A-Frame" structure with a 45-degree sloped roof, needed a new roof and secondary framing. Our first challenge was how to access the roof to remove the existing metal roof.

## THE OUTCOME

We engineered and fabricated a custom platform to access the structure and haul away the old roof. In order to safely work on the steep sloped roof with high wind conditions, we developed a rolling work basket that allowed our crew to work on a level surface while installing the new roof.



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