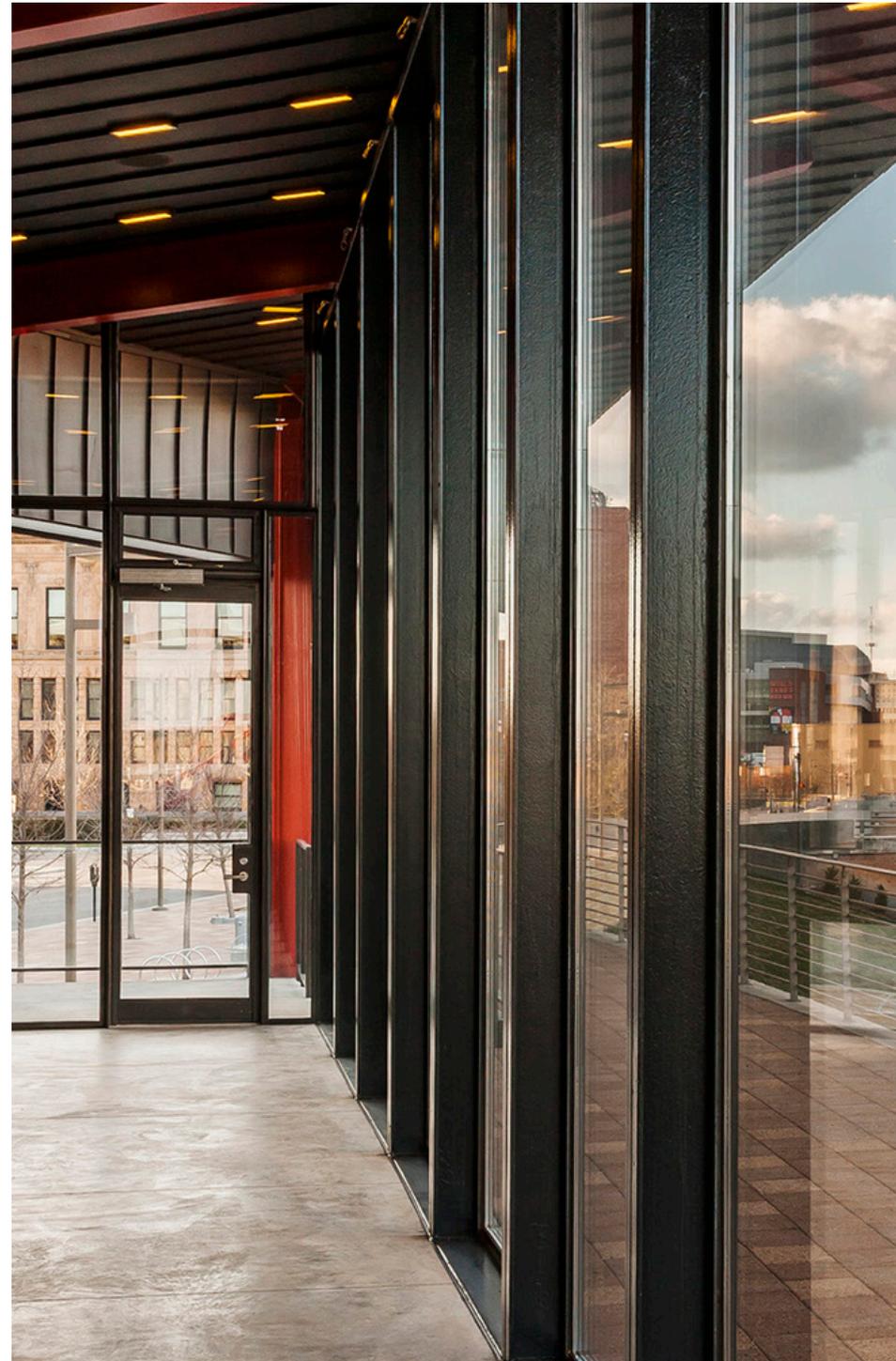


Principal Riverwalk Pavilion

case study
By Yanan Qian

Location: Des Moines, USA



Architect: Substance Architecture

Owner: N/A

Year of completion: 2013

Climate: Dfa

Material of interest: Zinc

Application: Exterior & Interior

Properties of material: The metal panel roof drops down along the west elevation and forms into a series of louvers that shade the interior from the sun, but still allow light through. The panels then form another right angle, jutting out to establish a protective canopy for the entrances to the public restrooms on the first floor. The louvers, the right-angle bends and the standing seam panels themselves all emphasize the foldability of the metal, giving lightness to the building.

Sources:

Architect Website: <http://www.substancearchitecture.com/>
<https://www.archdaily.com/501155/principal-riverwalk-hub-spot-substance-architecture>