

Wahweap Marina Store



Wahweap Marina Store
Page, Arizona
10,144 Square Feet
Completed in 2013

Nestled between the docks and houseboats in Lake Powell is this floating deck that supports a 6,655 square foot store, restaurant and office space. The structure is topped off with a 1,425 square foot covered deck on the second floor. This floating structure was designed to rise and fall thousands of feet over its lifetime as the water levels of the lake constantly change. The wide flange beams and HSS members were designed as a truss system to evenly distribute gravity loads throughout the structure. Wood sheathed steel stud shear walls provide lateral resistance for wind and wave loads. This complex design in an incredibly durable and buoyant system that allows the owner flexibility in their daily operations.