



ROAM MARINE

Z Marine Pty Ltd
ABN 52 144 660 702
34 Crossways, Cnr Rokeby & Bagot Rd
Subiaco, WA 6008, Australia

Mb 0413 933 163
Phone 9381 9091
Email mhannafor@roam-marine.com
Web www.roam-marine.com

Project: Elizabeth Quay Footbridge Piers

Client: Leighton

Contractor: DASSH

Year: 2014/2015

Project scope: Arch lift verification



The walkway bridge is held up via 2 42t steel arches 17m tall and spanning over 32m onto the concrete piers. Each arch leans over approximately 65 degrees. The lift was intricate involving a sliding central prop and rotating base. The arch rotates from horizontal up and into position then site welded to the baseplate which is attached to the concrete pier via macalloy hold down bolts. Roam Marine did full verification on lift design.



