

# EASTERN BREAKWATER ENTERTAINMENT PRECINCT

Eastern Breakwater | Geraldton | WA

**CLIENT**  
Blackwell & Associates

**DEVELOPER**  
City of Greater Geraldton

**LANDSCAPE ARCHITECT**  
Blackwell & Associates



## THE PROJECT

Our team was engaged to perform the structural engineering works for the new eastern breakwater entertainment precinct in Geraldton, Western Australia. Our brief was to work together with Landscape Architects, Blackwell & Associates, to develop iconic structures, including a viewing platform and extensive shade canopy that would turn the previously undeveloped breakwater into a prominent and attractive social hub for the community.

Working with geotechnical engineers, we designed a cantilevering viewing platform with masts extending over 16m in an exposed area notorious for high winds and in poor founding materials. A large shade structure, horseshoe shaped in plan, was also designed and utilized varying height steel tube sections cantilevering up to 16m in height.

We were responsible for the design and certification of all landscaping structural elements and worked alongside Blackwell & Associates to develop a coating system appropriate to the harsh marine conditions.

 Residential  Geotechnical  Commercial & Infrastructure  Inspect & Investigate  Energy Assessment  Environmental

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1 Erindale Road, Balcatta, Western Australia 6021 | PO Box 792, Balcatta, Western Australia 6914  
Phone (+618) 9205 4500 | Fax (+618) 9205 4501 | Email [perth@strucsterre.com.au](mailto:perth@strucsterre.com.au) | Web [www.strucsterre.com.au](http://www.strucsterre.com.au)  
ABN 71 349 772 837 Zemla Pty Ltd ACN 008 966 283 as trustee for the Young Purich and Higham Unit Trust trading as Strucsterre Consulting Engineers

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