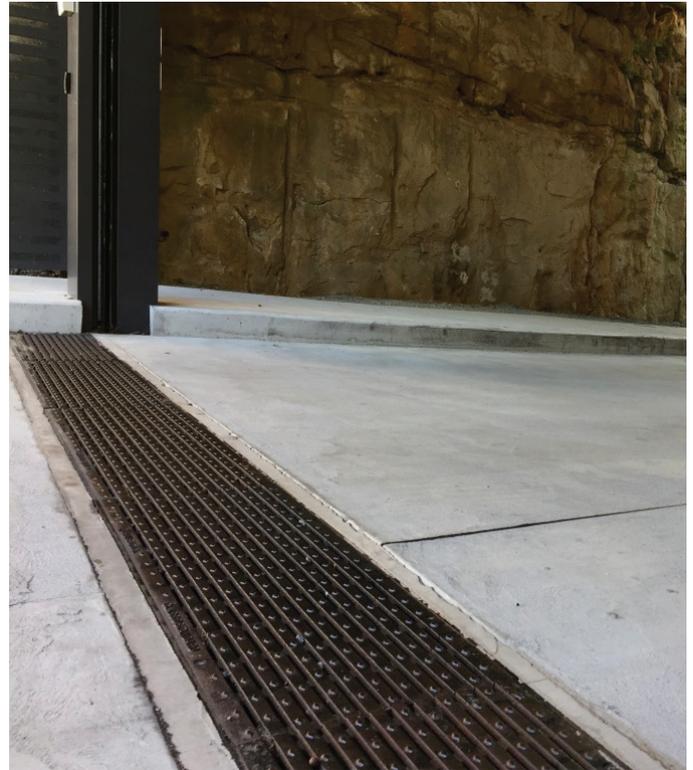


# Joining Sydney's Iconic "Coat Hanger" and Opera House, Barangaroo With Touches of EJ



The EJ story reaches iconic proportions.

Barangaroo is an urban renewal project on the western edge of Sydney Harbour featuring a 6-hectare park on the northern boundary of the site. The project has been transformed from Sydney's oldest industrial site, into a native foreshore park with a view to the Sydney Harbour Bridge.

Almost 75,000 trees, plants and bushes have been planted to landscape the reserve and make it more representative of the headland as it was before European settlement. The public can now access a part of Sydney harbour that has been closed off to the public for more than 100 years.

As this massive Sydney Harbour project gears up for its final stages of construction, EJ HEELPROOF™ ductile iron trench grates have settled into their new role in Barangaroo's two level carpark. The carpark, which houses some 300 vehicles, required the installation of some 300 metres of trench grates at driveway crossovers and ramps.

EJ Class D (210kN) was the ideal specification to handle the constant traffic, excessive heavy loadings at the bottom of the ramp and to cater for emergency vehicles. In this instance, the design team was keen to use a cast iron grating that has a

long life, zero noise from rocking in the frame (these trench grates and frames feature machined mating surfaces) and a look that would be in keeping with the heritage feel of The Rocks/Barangaroo areas.

To satisfy this spec, EJ modified metre long bicycle-proof trench grates (LG30Dim) by adding extra top bars to reduce the drainage aperture to less than 9mm wide. This results in a smart looking grate which will handle all the traffic loads expected and yet be safe for pedestrians especially those wearing narrow healed shoes.

EJ has also been a significant supplier of grates and access covers throughout the new Parklands. A stroll along the pathways reveals the galvanized aluminium and cast iron frames and covers discreetly dotted throughout the landscaping and rolling lawns.

Next time you're visiting Sydney, make sure you enjoy a stroll through this amazing public space. Until the landscaping reaches full maturity, you won't miss the contribution made by EJ. For information about how we can help with your next project, talk to your nearest EJ branch or call 07 3216 5000.