

CIVIC & PUBLIC
BUILDING SPECIFIER
JAN/FEB 2004

RAM in position to lift 800 tonne road bridge

The Great Wharf Road Bridge, designed to provide a new access for traffic into Canary Wharf in London's Docklands, has taken an important step forward with the installation of the massive hydraulic cylinder that will raise it to allow ships to pass through West India Quay.

Designed and manufactured by Hunger Hydraulic in Germany to a brief from consulting engineers Bennett Associates, the 40-tonne ram is believed to be the biggest installed in the UK. It will lift the North end of the 800 tonne structure 18.2 metres in order to provide a 15 metre x 15 metre navigable passage beneath.

Bennetts were responsible for the performance and design specifications for the electrical, hydraulic and mechanical equipment required to move the bridge, to accompany the exemplar design drawings for construction detailing.

ENQUIRY No. 175

