

London, SW1

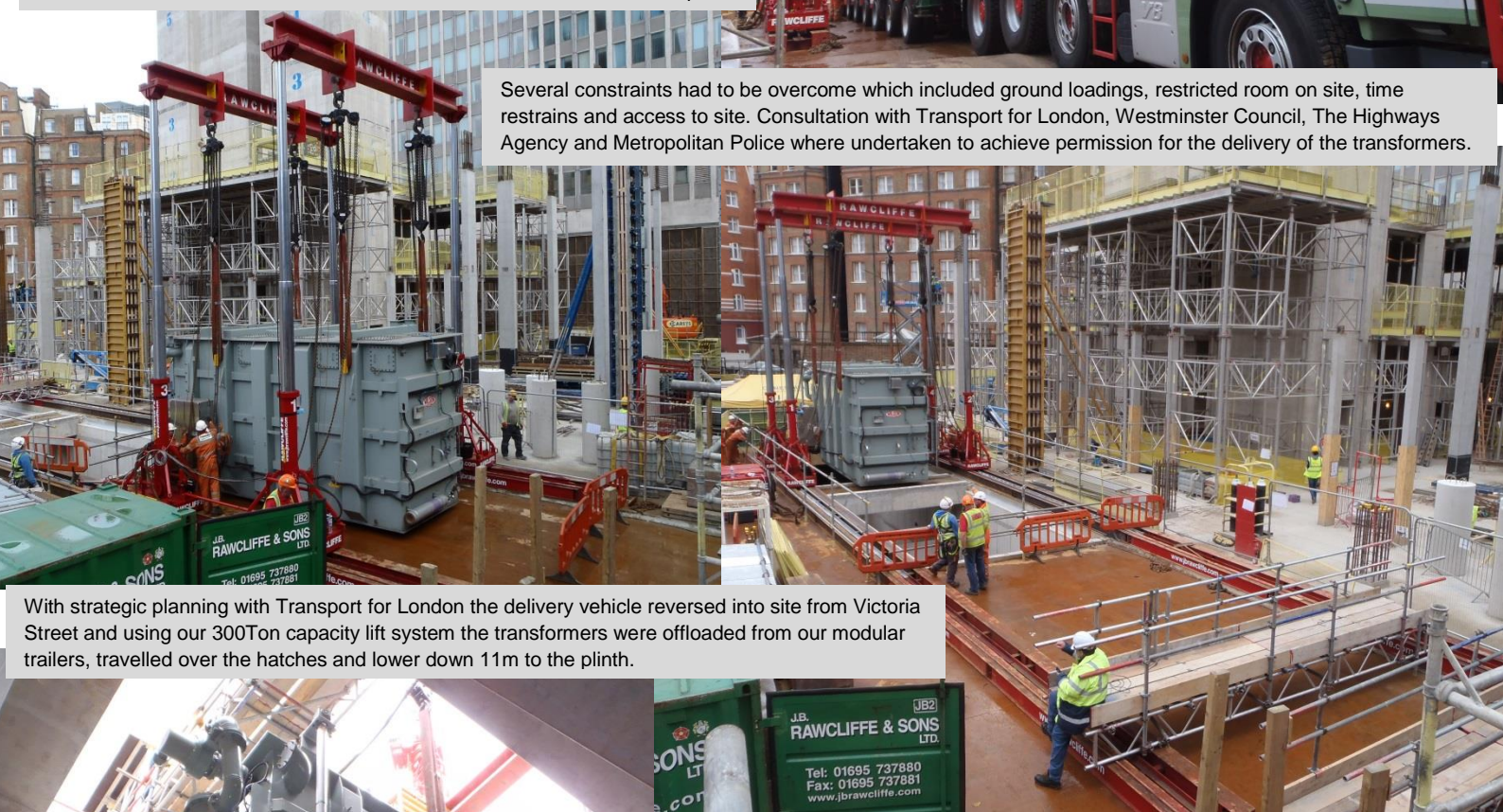
JB Rawcliffe & Sons Ltd successfully transported and placed two transformers into Central London. The complex project was to transport and place two 86,000kg transformers and associated ancillary parts into a brand new UKPN basement substation 11m beneath ground level. This project took place in the middle of the redevelopment of the former Kingsgate House on Victoria Street, SW1, as part of its transformation of Victoria.



As the new substation was located beneath the new development of The Zig Zag Building, JB Rawcliffe & Sons Ltd were approached and contracted to solve the challenge of getting the power transformers into the construction site and down the allocated substation hatches with the least amount of disruption.



Several constraints had to be overcome which included ground loadings, restricted room on site, time restraints and access to site. Consultation with Transport for London, Westminster Council, The Highways Agency and Metropolitan Police were undertaken to achieve permission for the delivery of the transformers.



With strategic planning with Transport for London the delivery vehicle reversed into site from Victoria Street and using our 300Ton capacity lift system the transformers were offloaded from our modular trailers, travelled over the hatches and lower down 11m to the plinth.



Location: Kingsgate House, Victoria Street, London SW1
Project: Transport & installation of two transformers.
Dimensions: 7m x 3.7m x 3.8m, 86,000kg each.
Challenge: Central London, access restrictions, time sensitive, ground loading, pavement crossing, restricted site, contraflow of Victoria Street
Equipment: Modular axles, road plates, jacking and skidding equipment, hydraulic lift system.

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