

MRC London Institute of Medical Sciences (LMS)



CONSTRUCTION UPDATE

In this period, works have progressed well; we have completed three large concrete pours to the ground floor slab and are now targeting having the whole of the ground floor slab poured by the end of August. We are pouring in seven sections, each being in the region of 300 cubic metres, delivered from approximately 40 lorries per pour, with the concrete placed using a long boom concrete pump and vibrated into place. Operation of the pump is shown in the above photograph.

To form the raft foundation there is in the region of 480 tonnes of high tensile steel reinforcement, principally 32mm diameter bars, to be placed in the slab which is up to 1300mm thick and also includes the cast in underground drainage pipework and access chambers as well as the various service ducts.

The cranes are now in constant use, mainly locating the reinforcement and placing shuttering materials to form the vertical stop ends for each pour, including lift shafts and stair wells.

The last of the high voltage cable diversions was completed over the weekend of 1 August 2020, and the stand by generators are now being left in place and utilised in association with the High Voltage network upgrade works being undertaken by the Trust.

UPCOMING WORKS

Works in the next period will focus on having most of the raft slab poured and be commencing the concrete columns up to first floor slab level.

Getjar will also commence the excavation work for the external service installations around the perimeter of the newly poured slab.



SUPPLY CHAIN IN THE SPOTLIGHT

Hawkins\Brown are an internationally-renowned award winning practice of over 250 architects, interior designers, urban designers and researchers.

Founded in 1988, they bring a wealth of experience to designing and delivering innovative and socially sustainable buildings across multiple sectors. Their people are at the heart of everything they do, from their design approach to the way their studio runs. Their talented designers bring a fresh and collaborative approach to each new design challenge, creating places with personality and purpose that are well-made, well-used and well-loved.

Hawkins\Brown's involvement with the London Institute of Medical Sciences was the result of a competition. They subsequently worked closely with the MRC, Imperial College and the LMS to design a building that will bring together the LMS researchers in a single, world leading, scientific research facility. They are now working with Walter Lilly through the construction phases, to help us deliver this exciting project on site.

Hawkins\Brown

CONTACT US

Please contact the site team should you have any questions regarding the works.

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