WELCOME

Newfoundland is a 60-storey residential building which will be situated on the western side of the Canary Wharf estate and bound by Westferry Road to the west, Middle Dock to the east and Bank Street to the south.

The slim diamond shape of the tower is determined by the narrow footprint of the site. The building is supported and braced by the external dia-grid structure on the façade of the building along with numerous deep reinforced concrete piles penetrating into the chalk below.

CONSTRUCTION UPDATE

Summer has been a busy time onsite; over the past six months we have excavated 18,000m$^3$ of earth, to facilitate the substructure which forms the majority of the foundations. These works included the construction of two basement levels where the energy centre for the building, mechanical equipment, bicycle storage, wastage and recycling areas will be located below ground level.

Approximately 1850 tons of steel and 7000m$^3$ of concrete were used to construct a suitable foundation which will support the huge loads that the finished building will impose.

NEWFOUNDLAND FACT

Basement excavation volume:
18,000m$^3$
= 7 Olympic swimming pools
The two tower cranes which will be used to construct the building have now been erected. These are situated in the north west and south east corners of the site and are currently 80-90 metres tall. They will climb with the building as it rises to over 200 metres.

During basement construction, props weighing nearly 17 ton were installed by the cranes and removed after floor slabs reached enough strength to provide the required stability to the secant pile walls, which offer bracing to stabilise the basement.

Now the basement and ground floor structure are nearly complete, the building can be brought up out of the ground.

At the end of 2016 we will start to build the concrete core, this is the ‘structural spine’ of the tower where the lifts and stairs will eventually be located.

THE NEXT PHASE

The core is constructed with the use of a specialist jumpform system. This involves concrete being poured in a series of vertical sections, once the concrete has gained sufficient strength the formwork supporting it is removed and ‘jumped’ to the floor above where the next level is poured. You will see the core climb throughout 2017 until completion in autumn 2018.

As the core rises, Newfoundland’s distinctive steel dia-grid will also be constructed. This ties in with the core to provide sufficient stability to the structure.

The core and the dia-grid allow the separate floor slabs to be cast level by level until they reach the top. This provides the structural skeleton of the building, ready for the next phase of cladding and internal fit out.
COMMUNITY

In August the team was visited by their namesake dog breed, the Newfoundland, as charity Newfound Friends and the PDSA promoted their Big Doggy Paddle in South Quay. Members of the site team signed up to be rescued from the dock by the 14 stone lifesaving Newfoundland dogs to raise funds to help the PDSA keep offering free veterinary services out of their 51 pet hospitals, such as the one based in Bow.

The fittest among our colleagues put a team forward in the Treadmill Challenge, a fundraising event held in Canada Place in memory of Jada Miller-Lewis, the daughter of CWML colleague Delroy Lewis, who sadly lost her battle with cancer in 2015. The team were delighted to win the trophy beating CWML and Northern Trust but were even more thrilled to help raise a grand total of £10,000 towards Richard House Children’s Hospice, which helps so many families locally.

AWARDS

CWCL participate in the Considerate Constructors Scheme across all of its projects. On a recent visit to Newfoundland by assessors we were pleased to be awarded either Excellent or Exceptional in the areas of appearance, community, environment, safety and valuing our workforce.

RoSPA, the Royal Society for the prevention of Accidents, have awarded the Newfoundland project a Gold Award. The project is judged on its health and safety management performance which we take very seriously across all of our projects. Newfoundland will be entered each year until we achieve practical completion on site.

EMPLOYMENT

On the 4th October CWCL joined other construction companies working in the borough at a Construction Careers Fair organised by the East End Community Foundation at Trussler Hall. Over 120 people came on the day to enquire about working in construction. CWCL promoted vacancies across all of its construction sites and also shared opportunities with Munnelly’s specifically on the Newfoundland project.

OPEN EVENING

We would like to invite you to the site Open Evening this month. There will be a project overview, Q&A with the team and an opportunity for a site visit.

Monday 28th November
6.30 – 9.00pm

Newfoundland Site Office
West India Avenue, Canary Wharf
E14 4BE

PROJECT CONTACT DETAILS

To receive future updates and newsletters, please register at: consultation@canarywharf.com

If you would like to speak to a member of the team please contact Anthony Carbon, Community Liaison Officer on: 020 7418 2495 or email anthony.carbon@cwcontractors.com