

West Cambridge Gateway Projects

Ray Dolby Centre; Shared Facilities Hub; Infrastructure Works

Issue 28 – August 2021



We hope that you all remain safe and well during these times. Please find our latest update the twenty eighth edition of the Project Newsletter.

Construction of the new Ray Dolby Centre continues to make good progress with the average number of people on site now reaching 450 during July. We anticipate these numbers to further increase over the coming months with the commencement of new subcontractors on internal architectural trades and the push to achieve completion on the Shared Facilities Hub.

We continue to face continued pressures due to the COVID pandemic but these have been managed carefully on site with full protective measures implemented since April last year still in place. In addition to these existing measures, we are also undertaking Lateral Flow testing of everyone on the project every 2 weeks.

Around the West Cambridge Campus – Infrastructure works

As per the planning conditions works will commence in August to improve the pedestrian and cycle paths on JJ Thomson Avenue. These works will be ongoing till November 2021 (around 4 months).

Pedestrian control measures will be place ensuring that only one side of the path is closed at any one time.

Soft Landscaping

In preparation for the handover of the Shared Facilities Hub 1900 plants / shrubs were planted with over 40 different varieties. We planted the first 12 of over 100 trees that will be planted as part of the whole scheme – these are:

- 2 x *Alnus glutinosa* 'Laciniata' a cultivar from our native Common Alder that came from France in the early 1800s
- 3 x *Betula utilis* var. *jacquemontii*, a popular and extremely ornamental silver birch
- 1 x *Fagus sylvatica* 'Purpurea' known as the European Beech, a beautiful, large, deciduous tree with a densely pyramidal to rounded-spreading crown
- 3 x *Prunus Padus* know as Bird cherry trees are native to Britain and look stunning in late spring when they are covered with masses of white almond scented fragrant blossom
- 3 x *Acer Campestre* known as the field maple, is a flowering tree native to much of continental Europe and Brittan.

The Bouygues UK logo, featuring the word 'BOUYGUES' in a bold, sans-serif font above the word 'UK' in a smaller, green font, all contained within an orange rounded rectangle.

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Ecology

Ecology is one of the key categories included to achieve the BREEAM (Building Research Establishment Environmental Assessment Method) certification scheme, in which the project is checked by independent experts. To ensure the Project meets high quality and performance standards.

One of the aims of BREEAM is to seek to improve long-term environmental & ecological outcomes, through design and management practices. It will identify ecologically valuable features, protect habitats, enhance biodiversity, and mitigate unavoidable impacts of new building sites such as this one. This is done, by having qualified Ecologists appointed to review the flora and fauna of the site prior to its development, and propose ways, not only to match its ecological value, but to hand it over enhanced at the end of the project. It also involves having in place plans of action during construction to protect the water, plant life, and animal species in and around the construction site.

The Ray Dolby Building and SFH building are on target to achieve an “Excellent” BREEAM score.

On site

On the Shared Facilities Hub (SFH)

On the Shared Facilities Hub the façade is substantially complete with the final inspections on going.

Internal fit out is progressing with finishing trades now fully mobilised. Raised access floors are getting pressure tested, kitchen equipment is being installed and the painters are working their magic! The mechanical and electrical works are reaching the final stages and Testing and Commissioning has begun.



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On the Ray Dolby Centre

The structural works are now complete on all wings except Wing 5, the public wing.

The building envelope continues to progress sequentially around the site with most of the building watertight for the main wings. Works are now focusing on the CUBs and the links, before moving on to wing 5 facade.

Internally the building is progressing with Internal trades and Mechanical and Electrical works now active in all wings. Works on 2 of the 7 passenger lifts of the building have now commenced.

Wing 4 (workshops and teaching laboratories) is now equipped with an impressive gantry crane, has received its first series of doors, and is getting ready for ceilings installation.

Wings 2 and 3 offices areas are receiving their wall mounted write on boards and shelves, while electrical wiring is progressing.

The clean room areas on Wings 2 and 3, after substantially completing their high-level services and plenum partitions and are going to receive a specialist clean before entering into a controlled environment mode.

In Wing 1, the Cryostat Hall grey spaces are now taking shape (A grey space is an area where pumps, compressors, etc which are used to run the specialist experiments can be placed to prevent acoustic and vibration interference to the specialist equipment in the laboratory) with their non-ferrous timber enclosures. This has required a very careful selection of special grade stainless steel screws and bolts, due to the high electro-magnetic interference passive shielding specification.

In Wing 5, feature staircases have started to be delivered and installed. This, alongside progress on lecture theatres structures, on the adjacent link structures and on the main elevation, has continued to shape this exceptional public wing. Good progress on roofing and rooflights installation has also enabled the internal partitions to start in wing 5.



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Working hours

We have received confirmation of extended working hours, prolonged until end of September 2021. The new hours are:

- Weekdays from 07.00 to 20.00
- Saturdays from 08.00 to 19.00

Even with the recent government relaxations of the Covid rules on the 19th July the site continues to stagger arrival and departures from site maintaining social distancing, thus enabling us to extend meal and break times for all workers throughout the day. The routine of hands-washing, temperature checking and putting a new mask on every time the site is accessed continues; these measures are essential to ensure the whole site remains safe.

The following actions will ensure any impact arising from extended hours is minimised:

- No deliveries are permitted outside of the original approved work hours (8am to 6pm),
- High noise impact activities are restricted to the current original working hours (concrete breaking, piling, cutting and grinding activities).
- Additional noise monitoring is manually undertaken by our logistics team during the extended hours to ensure compliance,
- All site access gates are closed to reduce noise breakout from the hoarding during the extended hours.
- During the extended hours, there will be full supervision and senior management present on site to respond to any residents or local authority concerns.

Should you have any specific concerns or require additional information on the above procedures, please contact our central admin team at admin.cavendish111@bouygues-uk.com and then one of our management team will be in contact with you to discuss.

Alternatively please call one of the Site Management Team whose details are on the last page.

A day in the life of.....

We thought you may like to hear some more about what our Bouygues UK team do on the site – this month we are showcasing our resident Appointed Person – Orind Llagami.



Lifting operations and their careful planning are at the heart of each project, ensuring each lift is executed safely is always our main priority.

As is the case with these rather large and heavy finished facade product precast elements. Getting involved with the supplier early in the lifting strategy and ensuring that there is a good collaboration between all parties has been the key to success lift to date.

Getting involved with the supplier early in the lifting strategy and ensuring that there is a good collaboration between all parties has been the key to successful lifting to date. We have extremely high standards of health & safety in place across our project especially when it comes to lifting. This allows us to address any potential challenges together to

ensure that our lifting manoeuvres go as smoothly as possible.

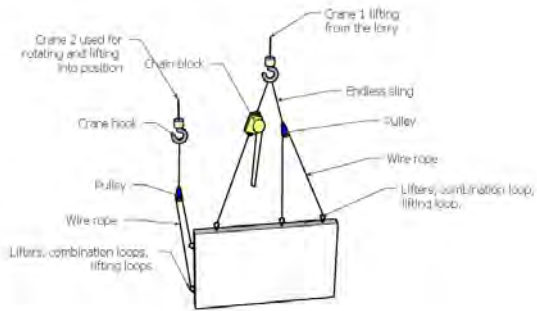
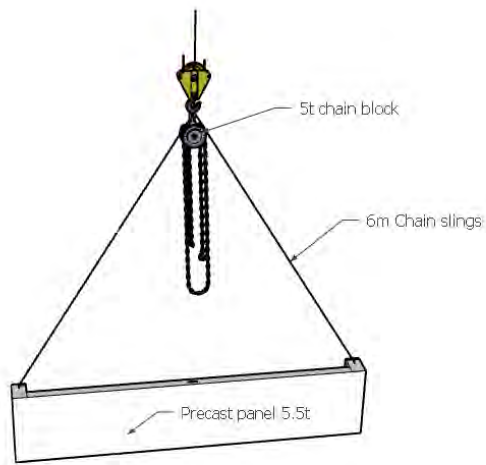
Having had such a good response from all involved has been great and all their efforts are hugely appreciated in achieving the façade precast installation in such a prestigious project for the University of Cambridge.

It has been an amazing experience to oversee the lifting operations for the Department of Physics in Cambridge in many aspects with the rotation of such large panels and columns that will be something to look back and remember with a smile.

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Corporate Social Responsibility

Recycling Materials

We will be opening the recycling bins again soon in line with government Covid -19 guidance so if you have any projects you are thinking about please contact us, we have quite and extensive wood area with a variety of wood and pallets available. An appointment for collection will need to be made with Sam Mayo and Covid social distancing rules followed.

Our Logistics manager Jojo continues to work hard with the site to re-use wood and has also joined a community wood recycling project. This has meant that we have not sent any wood offsite for several months now.

Charity

Fundraising for charities in 2020 was very difficult due to Covid restrictions, we did manage to support some local charities raising £568 in total.

We are looking at fundraising initiatives for the summer onwards once restrictions lift.

Work Experience, Trainees, Apprentices & Graduates

We continue to promote opportunities in construction, if you are interested further in opportunities please contact Sam Mayo by email.

Some of the organisations we are or will be working with in the future are:

- Form the Future; Women in Construction; Cambridge Regional College; Anglia Ruskin University;
- as well as the University of Cambridge itself.

If you know of someone interested in construction who would like to be considered for a placement on the project, please get in touch.

Residents' & Neighbours' Meetings

We are hoping that by the autumn we will be able to resume site visits and residential meetings and we hope that as soon as we are able you will be able to join us.

The latest drone footage taken by Currie and Brown the Project Managers can be found on YouTube

Considerate Constructor Scheme

We continue to work with Cambridge Considerate Contractors Scheme and the Cambridge Forum for the Construction Industry and the national Considerate Constructors Scheme.

Project Programme

Site Programme and Occupation:

- Shared Facilities Hub Construction – Mid-2019 to late 2021
- Ray Dolby Centre Construction – Late 2018 to Late-2022
- Infrastructure – Late 2018 to mid 2022

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Your safety is our concern

Bouygues UK takes every precaution to keep you safe throughout the construction process.

At all times, our site will be secure and surrounded by fencing but building sites can be hazardous places:

- We dig deep holes
- We erect scaffolding
- We use large, noisy machinery

Please do not enter the construction site, unless it is part

of a pre-arranged visit by our project team.

- Our operatives and staff are trained to work safely
- Please help us to keep you and children safe, and take extra care during the school holidays.



**HEALTH
& SAFETY
A SHARED
COMMITMENT!**

Considerate Constructors Scheme

As with all our projects, this site will be registered with the scheme, and regular visits from the Considerate Constructors monitor will help us to ensure that we continue to improve our performance in showing full respect for:

- Appearance
- Community
- Environment
- Safety
- Workforce

Please let us know if you have any concerns.

Our contact details are below:

If you would like further information regarding the Scheme you can visit their website at www.ccscheme.org.uk



Standard site working hours are:

Monday to Friday:
Saturday (if needed):

There should be no noisy works before 8am.

Want to speak to us?

We understand you will want to know what is happening in your area. Our team is available to answer any queries or concerns you may have and are only too pleased to hear from you. If you have any community projects that you think Bouygues UK could get involved with, please contact the site team below.

Your contacts



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