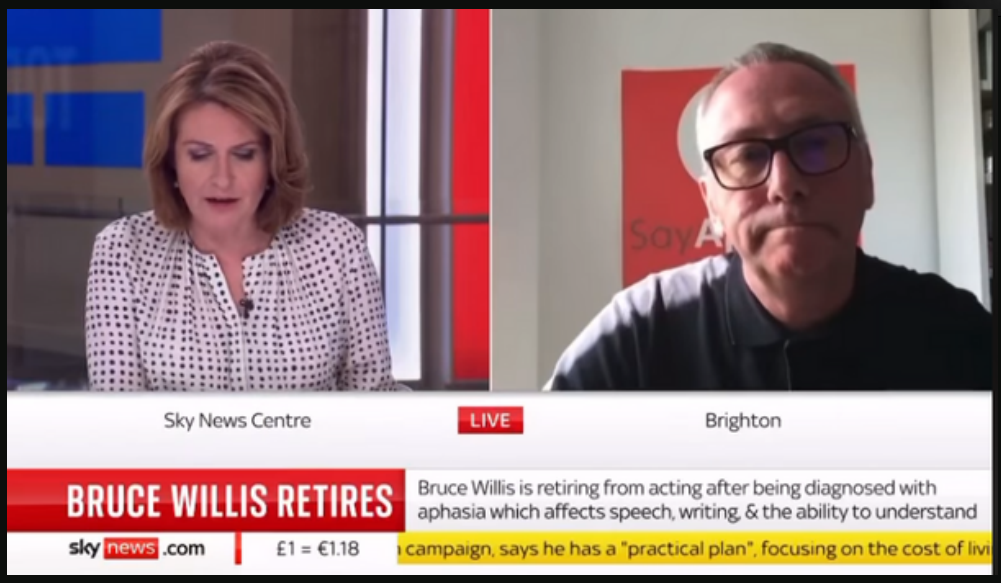
mTT/news

AUTUMN 2022

READ ON...

mTT/meets Sky



(click for link)

This is worthy of front page news!

For those of you who have shared our journey over the past 23 years; you will remember Colin – how could you forget! For those of you who are more recently involved with us, some context;

Colin and I came up through the industry together and became best friends (often sharing some lively debates over a pint about engineering and pretty much anything else we could find to argue about). He branched out on his own in 1998 but eventually we managed to convince him we needed him, so he came on board as an equity Director in 2001. Colin soon became the driving force behind the operational side of the business and, without a doubt, a major contributor to the growth of mTT and its success.

Out of the blue in May 2013, he suffered a severe stroke, resulting in him calling time on his engineering career. It was a huge loss to us. However, those of you who know him will understand that he wasn't about to sit at home and rest on his laurels. Instead, he started his own charity to help people affected by the condition Aphasia - a speaking condition that can be caused by a stroke and other afflictions. His charity 'Say Aphasia' now has 12 drop-in centres where sufferers can relax among others with the condition, and as you will see from the link; he is recognised as a driving force behind the rehabilitation of people with the condition.

We are so proud of him, his legacy also continues within mTT as his two sons, Clark and Ellis, are still part of our team.

Hats off to you Colin!

Paul

SayAphasia
Easy For You To Say

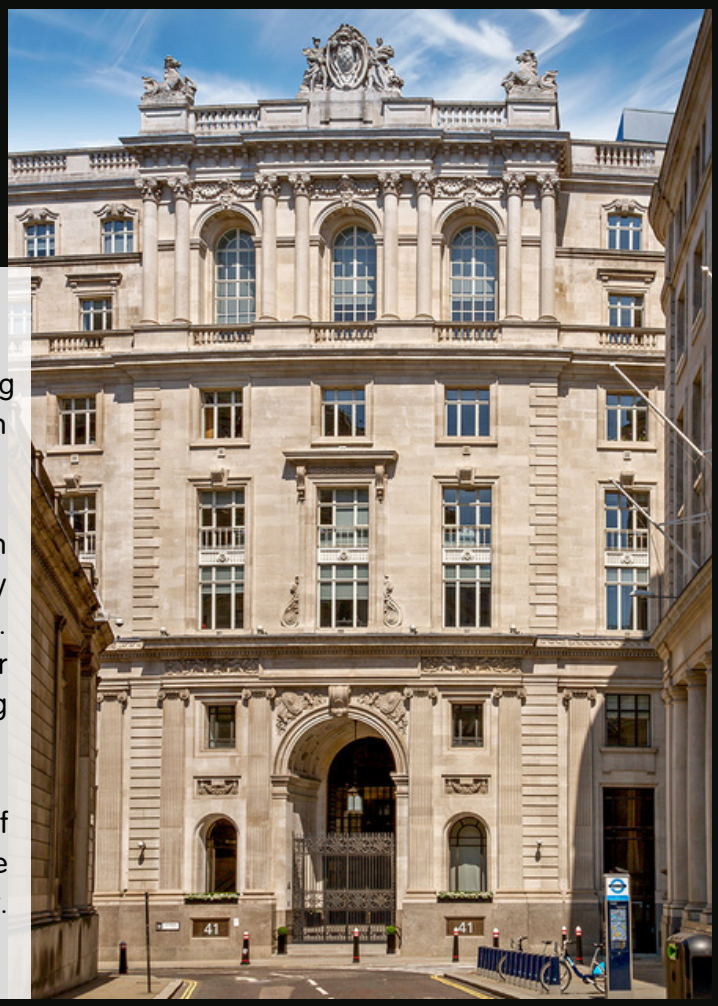
mTT/project news

Trafalgar Way

We are pleased that our scheme with Urbanest at 2 Trafalgar Way has achieved planning approval and that the challenging Stage 4 design pack is now issued.

The student accommodation led mixed-use scheme comprises; three towers providing 1672 student rooms, a sky bridge link, 80 residential apartments, 41,000ft² of commercial office space and various amenity and retail spaces, including an indoor soft play area.

The project has targeted the highest levels of sustainability credentials in BREEAM Outstanding and Passivhaus certification as the largest Passivhaus development in Europe.



41 Lothbury

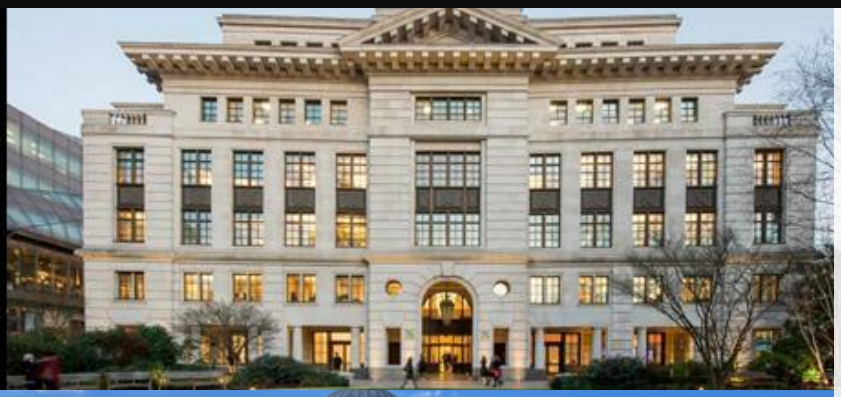
mTT is delighted to be part of a world class team delivering this prestigious commercial development at 41 Lothbury in The City of London.

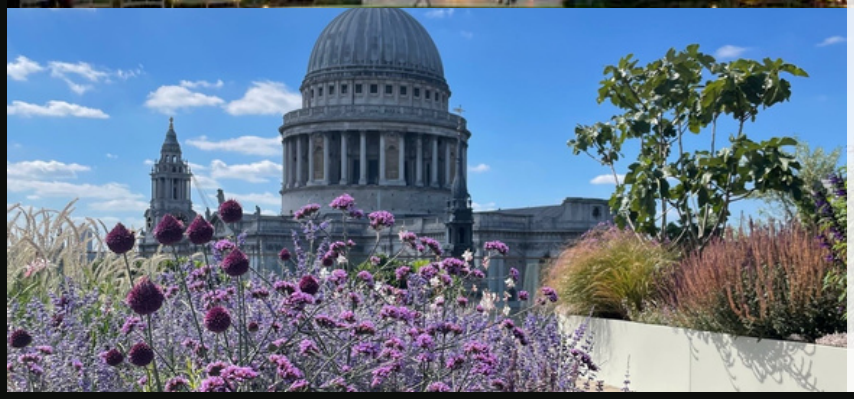
The grade II* listed building is located in a conservation area adjacent to The Bank of England and will be fully refurbished to deliver 130,000ft² of Grade A office space. The refurbishment features a 7th floor extension, 8th floor communal roof terrace and highly efficient building services.

The proposed changes will give the building a new lease of life, maximising floor space and providing a modern office facility that reacts to the post-covid London property market.

mTT Limited 9 Kingsway London WC2B 6XF T: 020 7836 1133 E: info@mtt-limited.com W: www.mtt-limited.com

mTT/project news





25 Cannon Street

25 Cannon Street, another commercial scheme from the Pembroke stable, has recently achieved practical completion.

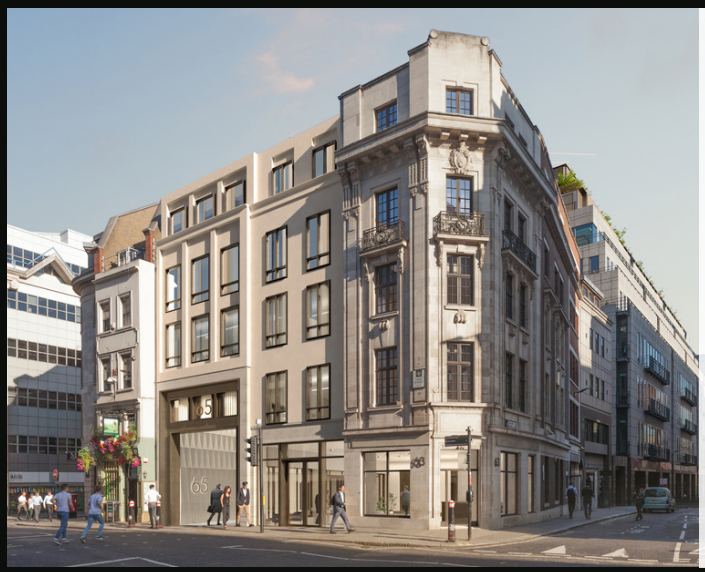
mTT has been engaged on this prestigious extension and refurbishment project since its conception in 2017 - including seeing the scheme through planning, procurement, construction and lockdowns!

The building consists of 116,000ft² of office accommodation, arranged over basement, ground and five upper floors and a new roof terrace with stunning views of St Paul's.

Royal Eden Docks Phase 3

Further to the design works undertaken on Phase 2 of Royal Eden Docks (currently under construction), mTT was appointed for the final phase of the project. This will complete the 850 apartment development.

The new phase incorporates a 22 storey block, which was challenging due to its proximity to London City Airport. The development is connected to the local 'Engie' district heating network.



65 Fleet Street

mTT is working alongside a fantastic design team that includes CBRE, Buckley Gray Yeoman, Elliott Wood and RLB on this exciting 225,000ft² commercial office refurbishment based in the City of London.

The project, for developer JMI Global, comprises two distinct office buildings with ground floor retail, lower ground gym space and the listed Whitefriars Crypt. Additional 7th and 8th floors are to be added to the South building and the development is targeting a BREEAM rating of 'Excellent' with aspirations of 'Outstanding'.

mTT Limited 9 Kingsway London WC2B 6XF T: 020 7836 1133 E: info@mtt-limited.com W: www.mtt-limited.com

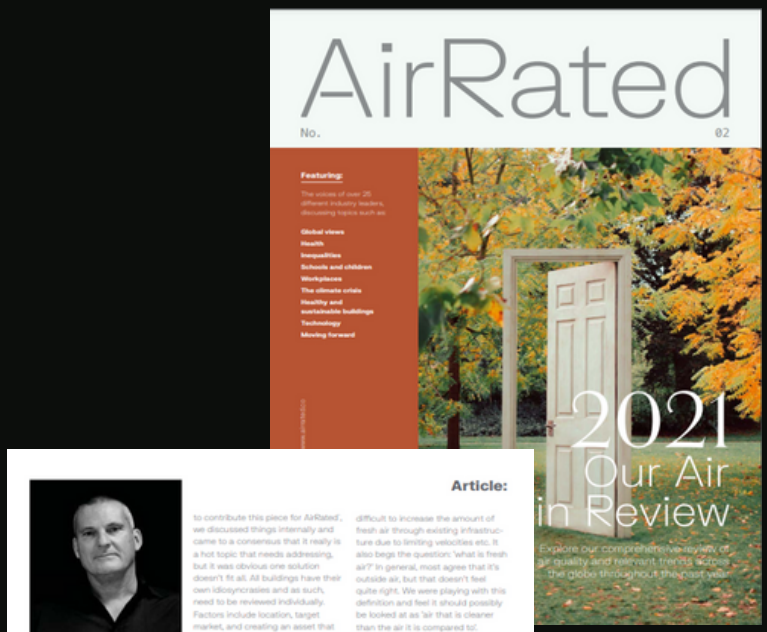
mTT/contribute

Along with fellow experts in the industry, mTT's founder and Managing Director Paul Mott, made a valuable contribution to AirRated's 2021 Magazine on the subject of 'Our Office Environment'.

An extract:

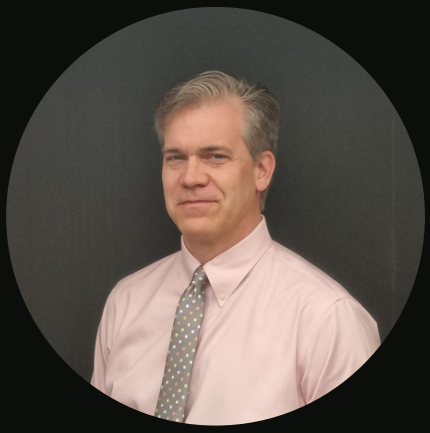
"While I think that BPI is the best option we have right now for our particular application, technology moves at such a rate we don't know what we'll have in years to come. However, the results are so compelling, it does appear to be a long-term solution and not just a temporary band aid."

Click image to read the article



mTT Limited 9 Kingsway London WC2B 6XF T: 020 7836 1133 E: info@mtt-limited.com W: www.mtt-limited.com

MTT/R&R



RYAN

Why did you become an engineer?

I became an engineer so that I did not have to become a doctor.

What would you be if you weren't an engineer?

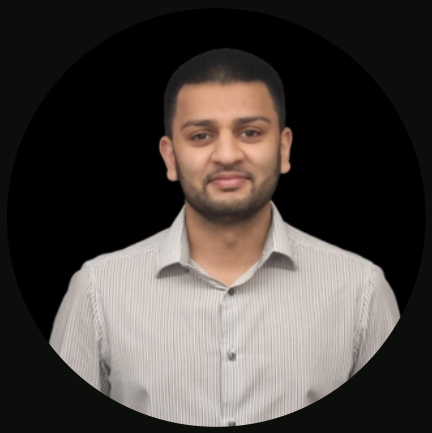
A rocket scientist.

Other interests:

My other interests include outdoor activities such as ice climbing, skiing, cycling, and outrigger canoeing.

Claim to fame:

I once piloted a small plane around the Statue of Liberty.



ROSHAN

Why did you become a an engineer?

I became an engineer because I was always good at maths and wanted to apply maths into the real world.

What would you be if you weren't an engineer?

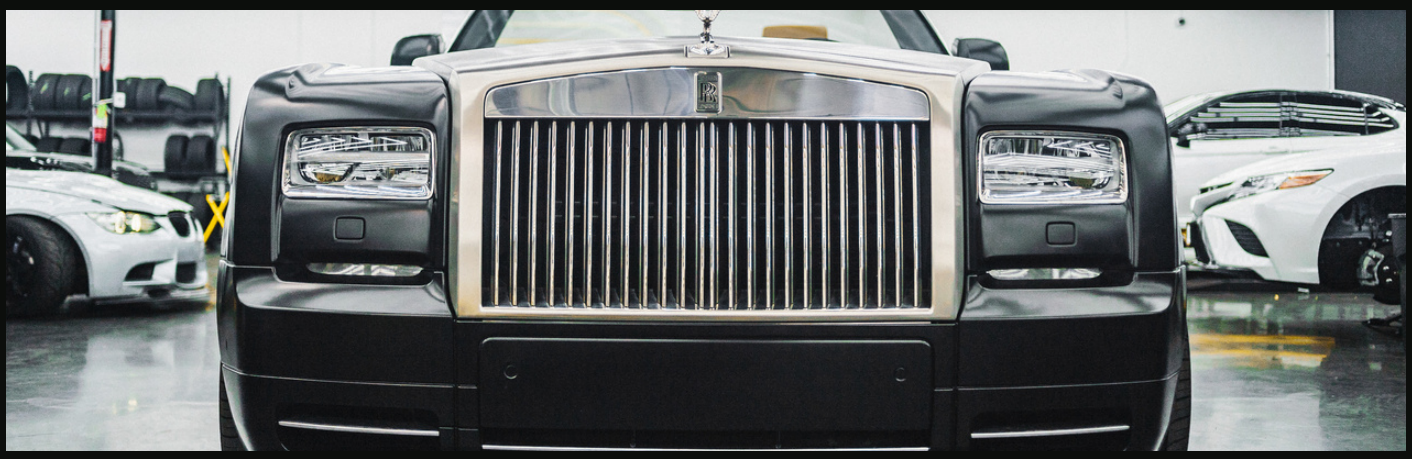
Probably working in the finance industry or a professional footballer with any luck!

Other interests:

I enjoy travelling! I also enjoy watching and playing sports such as football, cricket and tennis.

Claim to fame:

Nothing really comes to mind - I am fairly low key!



MTT Limited 9 Kingsway London WC2B 6XF T: 020 7836 1133 E: info@mtt-limited.com W: www.mtt-limited.com

mTT/update

OVERVIEW

2022 has seen the momentum for change in the built environment continue to grow with governments, local authorities and businesses implementing initiatives to take on the challenges of a changing climate, workforce and economy. In our projects, beyond the key issues of energy and water performance, carbon and greenhouse gas emissions, we have seen occupant comfort, well-being and productivity become central requirements, with active travel options, climate change resilience and pandemic responsiveness also high on the agenda of statutory bodies and our clients.

We are also increasingly seeing clients wanting to outperform statutory obligations. As the context within which businesses operate changes to respond to global challenges such as climate change, social inequality and the effects of the pandemic, the need to future-proof assets and secure proof of ESG (Environmental, Social and Governance) performance in an evolving investment market is key.

Here are some of the key drivers;

BUILDING REGULATIONS

New interrelated Approved Documents came into force on 15th June, for the key parts of the building regulations:

- Part L (Conservation of Fuel and Power) – Target CO2 emissions are reduced by 31% for dwellings and 27% for other buildings, with increased emphasis on 'fabric-first' design and low carbon heating systems, 'primary energy' introduced as a principal performance metric and new obligations for design verification at completion introduced.
- Part F (Ventilation) - The updated regulations place an emphasis on combining passive and mechanical ventilation to achieve minimum dwelling ventilation and background ventilation rates, with obligation to demonstrate how the most energy efficient ventilation strategy has been selected and how this meets Part L requirements, to verify 'as built' performance parameters on site.
- Part O (Overheating) – This new Approved Document introduces a new requirement to assess and limit the risk of overheating in homes and residential accommodation (e.g. care homes) through observing design limits or through dynamic thermal modelling based on CIBSE TM59. In both cases 'usability', including noise, pollution, safety and security, must be demonstrated.
- Part S (Infrastructure for Charging Electric Vehicles) - This new Approved Document calls for the inclusion of EV charging points (minimum output 7kW) in all new homes with on-site or associated parking spaces. If they cost more than £3,600 each or no parking is included with a plot, these may be omitted, but cable routes may still be required.

GREATER LONDON AUTHORITY

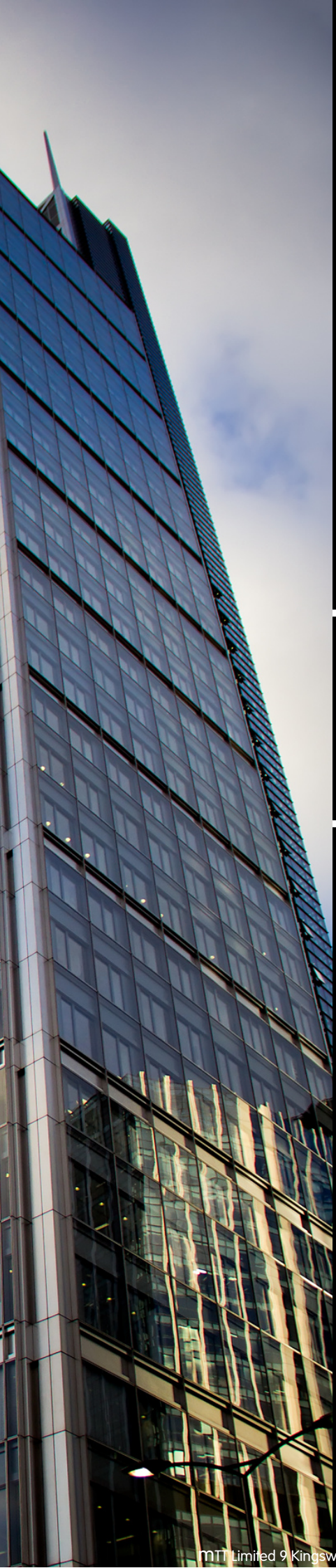
In support of the London Plan 2021, the GLA have updated guidance for Circular Economy Statements and Whole Life Carbon reports for all referable planning applications. Both call for early input across design teams, including materials specification and quantities data, earlier in the process than conventionally needed.

BREEAM

BREEAM UK New Construction Version 6 (UK NC V6) was launched on 24th August 2022, enabling new buildings in England using the latest version of Part L (2021) to register and complete BREEAM UK New Construction assessments. BREEAM UK NC 2018 continues for buildings being constructed under the earlier Part L. The updates are limited in scope, only affecting the Credits for Reduction of energy use and carbon emissions, and indoor air quality.

For more information, please contact us on info@mtt-limited.com.

mTT Limited 9 Kingsway London WC2B 6XF T: 020 7836 1133 E: info@mtt-limited.com W: www.mtt-limited.com



mTT/hot off the press

mTT/next gen-ergy

Planning ahead, mTT has decided to encourage our younger team members to have a greater say in the operation and management of the business. mTT/nextgen-ergy is our new platform to encourage the team to develop fresh ideas that will help improve anything from, the office environment to our working practices. This is particularly poignant as we are an Employee Ownership Trust so everyone is a stakeholder in mTT.

We are looking forward to seeing the benefits of what they come up with!

Congratulations to Andrew Smith for completing his…

CM1H4 Practical Management of a Lift/Escalator Contract Part 1 – Commercial.

Andrew has also completed his EOR 202N: Safe working on Lifts.

mTT/keep it in the family

As the regular readers of our newsletter will know, we believe in growth and succession from within. We encourage ideas and welcome the energy that our younger team members bring to the practice. Therefore, it gives me great pleasure to announce two well deserved promotions.

Robbie is now a Mechanical Associate and we look forward to him leading our project teams on bigger and more challenging projects.

Nick is now our Building Technology Manager. He will continue his very productive and successful relationship with Mike, our BIM pioneer, in managing our BIM team and developing our product to maintain the high standards we've always strived to achieve.

mTT Limited 9 Kingsway London WC2B 6XF T: 020 7836 1133 E: info@mtt-limited.com W: www.mtt-limited.com