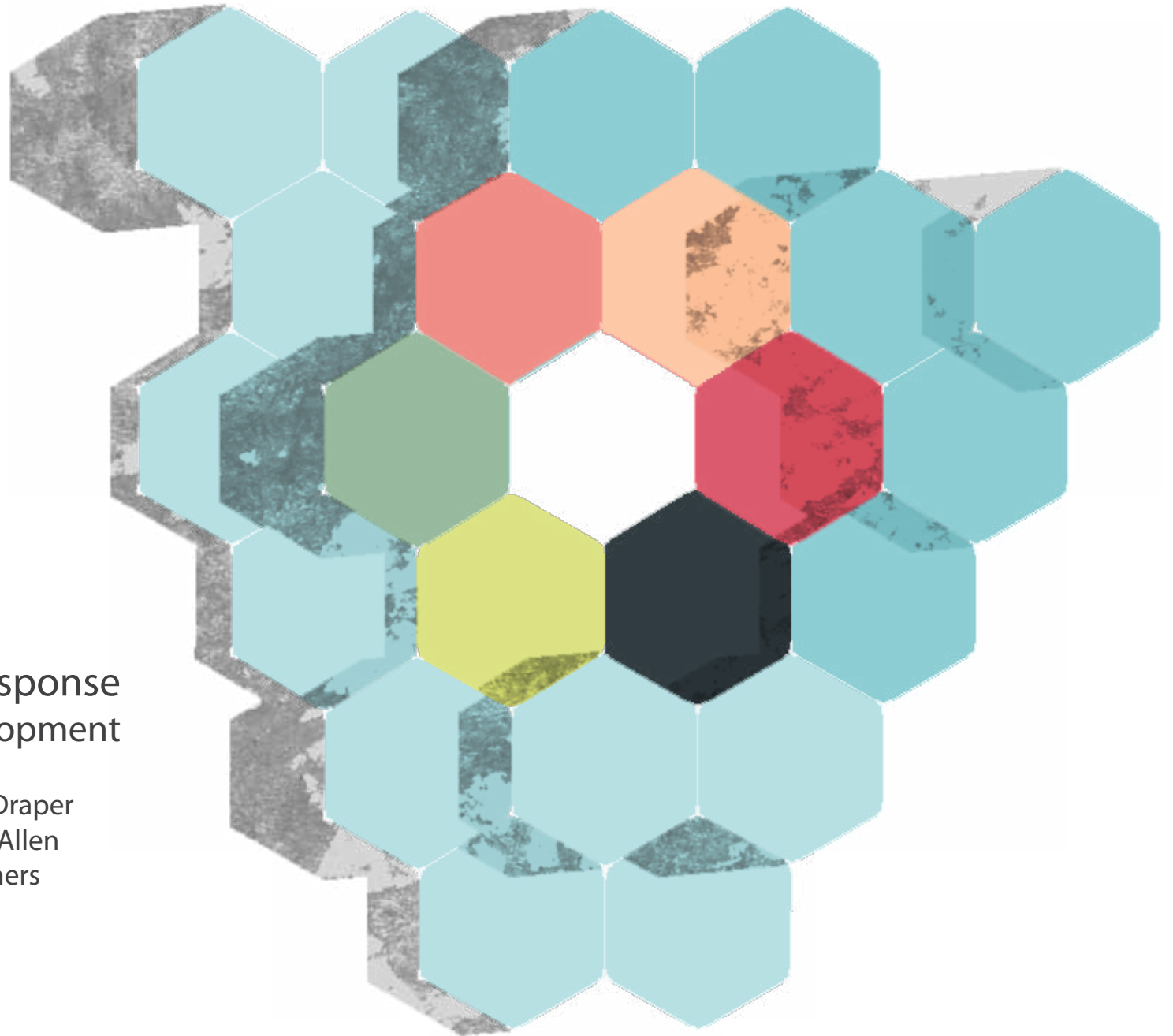


THRIVE

Pre-Qualification Response
Holyrood North Development

Alex Rieveley Francesca Draper
Jonathan Braid Kristopher Allen
James Davies Felix Summers

10/10/2013

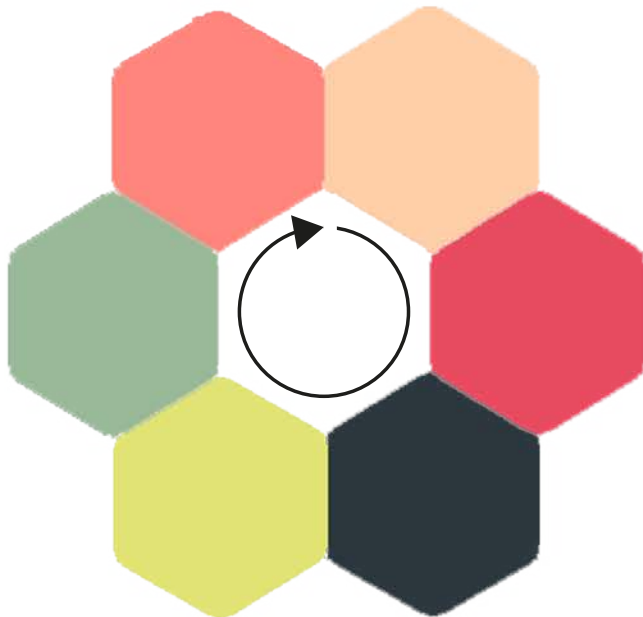


Philosophy

THRIVE approach projects from a 360° perspective. The team can be relied upon to present a professional offering which adds value at all stages of the design process, from conception to occupation and beyond. THRIVE does not however restrict their role to the delivery of buildings alone, but instead aims to provide unique environments which positively impact the users and the wider affected communities.

THRIVE's approach to project delivery is represented by the following 6 stages: Engage, Understand, Explore, Design, Create, Learn. THRIVE believe that expanding and closing the loop on the traditional 'linear' design process, ensures that an integrated approach is taken to project delivery uncovering additional value to the client and delivering exceptional results.

Each member of THRIVE has a wealth of experience across this project lifecycle, and collectively they offer an integrated approach to delivering world-leading built environments.



ENGAGE



Understanding the needs of not only the client but also occupants, local residents and policy makers is critical to delivering a project which not only has a positive impact upon the users but also wider communities.

UNDERSTAND



Project requirements are translated and organised into deliverable concepts, rationalising a very complex problem into an elegant and efficient solution.

EXPLORE



Conceptual designs are explored pushing innovation and creativity to the limit in order to deliver an exemplar project.

DESIGN



Design concepts evolve and harmoniously integrate engineering strategies within the architectural concepts to deliver a functional and operational solution.

CREATE



Buildability and phasing of the development is fundamental to the design process which supports an efficient and safe construction period.

LEARN



Developing an understanding of how the building performs in reality - through post-occupancy evaluation and undertaking building user surveys - facilitates not only continuous improvement but also allows any future projects to reflect upon the lessons learnt and guarantee a constructive legacy.





“A building is nothing without the people inside it”

PERSONAL APPROACH

With a background in Civil Engineering, James entered the sustainability field with a technical engineering background complimented with a deep personal interest in the role of the built environment in creating a sustainable future. He takes an innovative and creative approach to projects of all scales in order to challenge the industry norms and find value-adding solutions for the client as well as wider stakeholder groups. He aspires to deliver projects which are not only sustainable in operation, but inspire the occupants and users to lead sustainable lifestyles within the scheme itself and in wider aspects of their lives.

KEY PROJECT

James has a wealth of experience delivering sustainable solutions at a consultancy, masterplan and whole building scale in locations across the globe. At the building level, James has led the preparation of sustainability statements for the planning application of several high profile residential developments in Central London. These projects are positioned in a challenging context whereby sustainable solutions must be delivered which meet the client's needs as well as complying with the challenging planning policy requirements of the Capital. At a masterplanning level James recently developed integrated resource strategies, low carbon technology solutions and a bespoke sustainability framework for the King Abdullah City for Atomic and Renewable Energy supporting the city's ambitions to become a world leading sustainable urban environment.

“Great design is a flash of inspiration tempered with rigorous analysis and deep thought”



PERSONAL APPROACH

Felix aspires to promote elegance and synergy in all aspects of his engineering. Structural engineers must co-ordinate with the needs of a large number of skilled built-environment professionals as well as the fundamental laws of physics whilst maintaining a vigilant watch on the structure's environmental impact and the client's needs. As a result, they are in a unique position to influence a project for the better and achieve higher value for the client. He believes that optioneering in conjunction with honest and wide-ranging consultation is key in developing a truly synergistic, elegant design.

KEY PROJECT

Working closely with the client and architect, Felix has assisted in the delivery of a number of complex and rewarding construction projects including a truly game-changing design for the Maryah Plaza residential development, Abu Dhabi. This high-rise structure has been configured to maximise the saleable floor area so internal stability cores have been removed from the interior. Instead, lateral stability is provided by a braced exo-skeleton with loads transferred out at every four floors. As an example of the beneficial design synergies realised by this approach, the transfer levels' extended floor plate provides significant solar shading helping to increase occupier comfort and reduce the building's cooling demands.



Francesca Draper
Contractor

MEng Civil Engineering
Skanska UK
ICE

FdSc Quantity Surveying
Gardiner & Theobald
RICS

Kristopher Allen
Quantity Surveyor



“Coming together is a beginning.
Keeping together is progress.
Working together is success”

PERSONAL APPROACH

Francesca's experience as a Skanska employee has exposed her to a variety of civil engineering projects and the teams behind them. As a graduate and professional, Francesca aspires to contribute to the success of projects by accurately differentiating success, the client's expectations and the stakeholder values. Francesca applies her academic background to a practical environment, relishing the opportunity to think both rationally and creatively about problems enabling the implementation of solutions. Francesca's passion for sustainability also impacts her daily life, and her work within the built environment allows her in turn to reduce the environmental impact of the project where possible. She brings enthusiasm and an international perspective to a team environment, thriving on allowing fellow members to fulfil their own roles.

KEY PROJECT

Francesca has worked on the C411 Bond Street Station Enabling works project as a graduate/site Engineer since May 2012. As a major civil works project, involving the top down construction of two independent ticket halls for Crossrail (contract approx. £100m), the project remains complex and challenging on many different fronts. Francesca has however consistently executed her duties as a Skanska site engineer, integrating seamlessly with the team and facilitating the execution of the client's requirements and demands. She has accurately interpreted and communicated the design to the site operatives, ensuring that quality and safety were maintained throughout all working. Francesca remained aware of the schedule of works, the appropriate working procedures and costs involved in the project helping maintain success. Finally, Francesca dutifully recorded daily activities on site and participated in feedback to the team management.

“If everyone is moving forward
together, then success takes care of
itself”



PERSONAL APPROACH

Since joining Gardiner & Theobald, Kristopher has forged a strong position within the Healthcare team. His previous experience in sub-contracting is clear through his meticulous approach to his duties, providing his peers with a level of assurance that any tasks undertaken will be done so to the highest quality. Kristopher's role is to provide support to his team and in particular work closely alongside his Partner, assisting in a range of duties from inception to completion and beyond. These duties include early cost advice to clients, procurement, contract administration and cost reporting, to name but a few. Kristopher's enthusiasm and 'can do' attitude comes across both in the office and with the Client. He integrates well into any team whilst remaining professional and assertive when required.

KEY PROJECT

Working as a direct point of contact for both the Client and tendering Contractors, Kristopher facilitated the entire tender process for a 628 space multi-storey car park at Stoke Mandeville Hospital. This project had numerous risks associated with it which included strict planning conditions, abundant underground services, and a required phasing of construction allowing for the continued operation of a live hospital. The tenderers were asked to submit numerous proposals which pushed the planning constraint boundaries and required Kristopher to engage with the Client and stakeholders in order to recognise what represented best value to them. Kristopher demonstrated an understanding of the Client's needs, which were directly linked to the end operator and revenue stream that the car park would generate. The schemes were then assessed on this basis in order to select the proposal which delivered best value.



Jonathan Braid
MEP Engineer

MEng Architectural Engineering
Buro Happold
CIBSE

BA Architecture and Planning
Stride Treglown
RIBA and RTPI

Alex Rieveley
Architect



“Don’t let school get in the way of a good education”

PERSONAL APPROACH

Jonathan’s background in Architectural Engineering enables him to understand and appreciate the interactive effects of Architecture, Structure and Building Services. This gives him a progressive approach to both the design and construction processes. Jonathan is able to understand, consider and unite complimentary disciplines at a variety of scales to produce an integrated solution. He aspires to continue his cross-disciplinary approach to help contribute in creative ways to solving real needs of real people in challenging environments and social conditions.

KEY PROJECT

Jonathan has played a crucial role in the successful production, verification and coordination of the design of mechanical and public health systems required for the numerous retail, residential and commercial aspects of the Heart of Doha Development, Qatar. With a commercially astute client, the challenge was to produce a high-quality design in the midst of a recession to demanding deadlines. Jonathan brought his excellent communication skills to the large multi-disciplinary design team. These skills ensured that all the stakeholders remained informed and coordinated throughout the numerous iterations of the design. This cohesive vision was crucial to delivering a first-class design whilst satisfying the strict cost and time constraints of the project.



“An object should be judged by whether it has a form consistent with its use”

PERSONAL APPROACH

With a background in the creative industries Alex is passionate about designing with the future in mind. Combining his education in sculpture and architecture, Alex is determined to provide design excellence in all projects with which he is involved. He aspires to design buildings that are responsive to different patterns of living; which provide intimacy, privacy and security whilst also enhancing a sense of community.

KEY PROJECT

Alex has played a fundamental role in the design rationale for all eight phases of the Manor Kingsway residential masterplan in Derby. This seven hundred home masterplan includes high quality public realm design and natural landscaping to deliver an attractive and welcoming neighbourhood for the city. Alex’s involvement has been productive, supporting and where necessary challenging. From the start all the major stakeholders have been involved and attended fortnightly meetings to review and contribute to the evolving design. Alex has become intertwined with this ethos of collaboration within the design process, which has been effective in reducing time spent in planning, by bringing all stakeholders together at an early stage of the process.



Team Experience

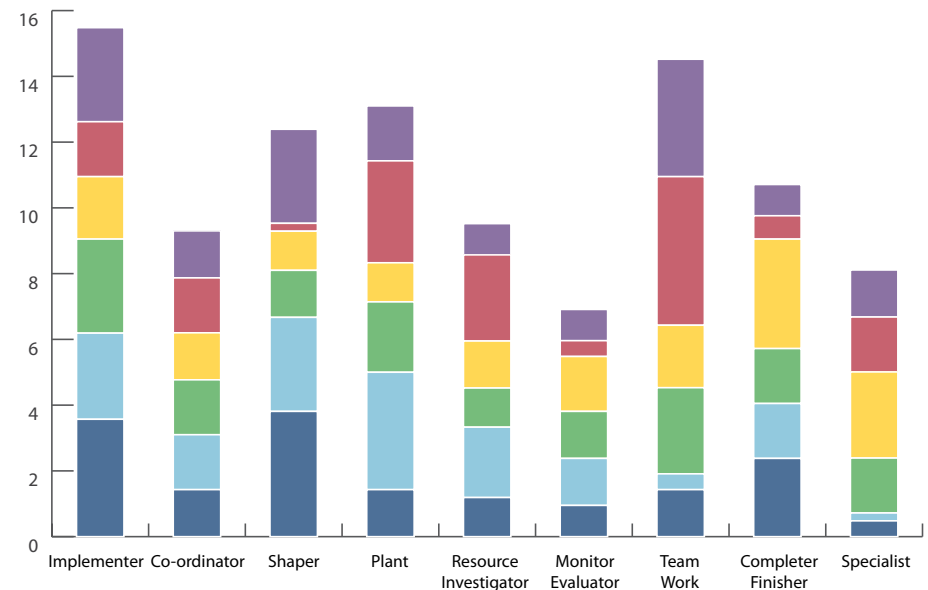
THRIVE offer a team of professionals with a wealth of project experience spanning sectors, continents and budgets. Each individual possesses a unique palate of skills realised in their professional backgrounds, while collectively they provide a holistic approach with the capability to tackle any challenge. The matrix below paints a clear picture of the skills which THRIVE will bring to the Holyrood North development.

	JD	FS	AR	JB	KA	FD
Masterplanning	●		●		●	
Feasibility		●		●		
Planning process	●		●		●	
Stakeholder engagement	●		●		●	
Environmental Design	●		●	●		
Lifecycle Analysis		●				
Structures		●		●		●
MEP		●		●		●
Infrastructure	●					●
Architecture		●	●			
Quantity Surveying					●	
Site supervision						●
Project management	●	●			●	●
Contract implementation					●	●
Construction Design Management		●		●		●
Building Information Modelling		●	●	●	●	
Risk management					●	●
Sustainability	●	●	●	●		

In addition to professional and technical competency, THRIVE offer a team of complimentary personalities who can work efficiently and effectively together. The Belbin team roles psychometric test (© Belbin Associates 2012) is a globally-recognised method of demonstrating team behaviours and understanding interpersonal dynamics within a professional environment. Having completed the test as individuals, the collated results highlighted the core team roles as 'Implementer', 'Plant' and 'Team Worker'.

- *Implementer - Practical, reliable and efficient*
- *Plant - Creative, free-thinking and imaginative*
- *Team Worker - Co-operative, perceptive and diplomatic*

The Belbin test results provide evidence that collaboration, creativity and organisation are core to the team's ability and guarantee the delivery of projects to the highest degree of efficiency and quality.



Understanding

In order to understand the real challenges of delivering a student accommodation development, THRIVE have reflected upon their own recent experiences of university residences.

The experiences of THRIVE provide a clear perspective on current shortfalls and successes of university accommodation. Whilst the vast majority of students greatly enjoy the social side to their housing experience, many consider these environments to be uninspiring, suffering from outdated architectural styles and poor provision of private and communal space which students desire.

THRIVE believe they offer a unique approach to the Holyrood North project, bringing a wealth of personal insight into student accommodation alongside a professional offering.



