**Conceptual designs and architectural drawings**

In line with your specifications, local guidelines and our **ISO 9001 accreditation,** we will design a sustainable toilet block reflecting the area’s aesthetic.

Evidencing our adaptable approach, the internal design will follow the provided drawings. However, the roof and external finishes are indicative only, and will be finalised in consultation with you as we discuss the detailed finish specification. To adjust our designs against your specifications, Andy Davies, Project Manager, will liaise with the Council Project Team and Progressive Modulars Buildings (PMB), our design partners. This will also take place upon contract award.

Demonstrating the efficiency of our partnership, our standard lead time for modular designs with PMB is **8 weeks**. Ensuring we meet your and users’ needs, we will work with PMB to ensure the finalised design complies with standards and legislation:

If we identify a need to deviate from the agreed design or an opportunity to provide cost/environmental benefits, we will consult you to suggest alternatives. Maintaining a record of agreed changes, we will submit a design change request for your approval. Ensuring transparency throughout delivery, Andy will maintain a design change record, shared between you and PMB.**Materials**

In line with your specifications, we will ensure designs are aesthetically appropriate for their surroundings and incorporate suitable, traditional materials. To ensure that new developments blend seamlessly with the character of existing structures, this will include materials such as brick, stone and timber. These will be used to build the walls, floor and roof.

To reduce embodied carbon, we will use recycled materials wherever possible. Evidencing our recycling abilities, on our contract with Hackney Council, we supported a circular economy by incorporating salvaged bricks from the site into construction processes.

For every 1 tonne of recycled ferrous metal we use in our designs, we mitigate 0.96 tonnes of CO2e. Mining for 1 tonne of virgin ferrous metal produces 0.96 tonnes of CO2e more than recycling 1 tonne of ferrous metal.

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| Evidencing our commitment, at least **10%** of the metals we use will be recycled. Supporting this, we will use timber-frame walls and roof construction, which are **100%** recyclable and provide good carbon offset.  Ensuring a healthier environment and reduced emissions during/after installation, we will also prioritise the use of low VOC paints. |

Fitting your requirements, our fixtures and fittings will be durable, vandal-resistant and easy to clean. Ensuring long-term usability, this will include handwashing stations, anti-graffiti finishes and hardwearing entry systems.

To avoid the need for replacements or further refits, we select material suppliers based on their compliance with British Standards and industry regulations. To provide a high-quality product, we will only use suitable materials that come from approved and vetted suppliers, such as Wallgate. We will use Wallgate to supply our handwashing systems and toilet pans.

Adding value, we will procure from local suppliers where possible, such as for groundwork materials, like sand, stone and cement. In line with your specification, in the unlikely event of a defect occurring, we will exceed your specification and provide a Defects Liability Period of **18 months**.

Minimising on-site disruption and risk, we will construct the facility off-site through PMB at their factory located in Knighton, Powys. Throughout the construction phase, we will prioritise:

* Precise planning and scheduling, reducing disruption to residents/businesses and enabling an efficient end-to-end process
* Coordinating with local authorities for traffic/site access management

Delivery will have to be made via a crane a 9/10-meter lift. A traffic management company will be employed to implement the road closure which will be required. Prioritising safety, Andy and Tom Clifford, Site Manager, will oversee delivery and installation on site.

Providing a comprehensive end-to-end service beyond installation as per your specifications, upon installation on site, our Delivery Team will connect the building to prepared utilities. Following installation, Andy will commission and test services/components, identifying and addressing issues promptly/proactively. Supporting Andy, our NICEIC-certified Operatives will inspect electrical systems in line with our **ISO 45001** accreditation/Institution of Electrical Engineer regulations.

For auditability, we will provide signed confirmation of all testing and inspection procedures, as well as a sign-off sheet to be signed by you. Promoting transparency and collaboration, we will also invite your team to complete your own checks. In the unlikely event of identifying defects post-handover, we will address the issues immediately. If the resolution requires new parts, we will deliver and install these within 2 weeks.

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| Our modular, off-site construction method ensures a rapid turnaround and minimally intrusive installation. As a result, our typical length of time on site is just [**X days**], meaning the facility will be operational quickly, with minimal disruption to the community. |

**Specifications for the pay-to-use system**

Providing a variable-levy, cashless-entry system, we will 2 of Nayax’s Onyx Cashless Payment Devices on the each external door of the toilet block. Allowing customers to make purchases without cash, Onyx accepts contactless payment options. We can also update income data in real time due to Nayax’s dashboard.

Through Onyx’s remote dashboard, the opening times of the facilities can be changed in real time. We will also implement our auto-lock system, allowing remote locking of facilities.



**Providing innovation with Nayax, our pay-to-use system**

Providing innovation, our proposed Onyx Cashless Payment Devices support automation through open door and temperature sensors. For wayfinding, we are currently working with the British Toilet Association to develop a wayfinding app linked to electronic signage.

Providing long-term reliability, we will also offer a 18 **month warranty** for the pay-to-use system, as well as any other major systems included in the installation.

**Accessibility features**

In line with Part M of the Building Regulations, we will incorporate accessibility features to create an inclusive environment that meets user needs, including those with disabilities. Toilets will be designed/constructed in compliance with **BS8300**, with key accessibility features including:

* **Wide doorways:** We will design doorways wide enough for wheelchair access
* **Grab rails**: To assist those with mobility impairments, we will install grab rails in the appropriate locations
* **Accessible cubicles**: We will fully integrate accessible cubicles into unisex facilities, eliminating the need for segregated or separate disabled cubicles
* **Tactile signage**: We will provide tactile/braille signage to assist visually impaired users in navigating the facilities

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| Evidencing our track record in providing accessible facilities, we have successfully installed over **50** Changing Places toilets in the last 5 years. |

Providing disability-friendly access across our designs/operations, we strictly adhere to our Equality, Diversity, and Inclusion (EDI) Policy. This has been developed aligned with the Equality Act 2010, Disability Discrimination and Human Rights Acts.

Additionally, to ensure that parents and guardians have access to convenient, hygienic and thoughtfully designed spaces, we will provide baby-changing facilities in the DDA Cubicle.