



Healthcare



# OPD WATERFORD UNIVERSITY HOSPITAL

University Hospital Waterford

Dunmore Road, Waterford

# TIMESCALE

P McVey Ltd. was appointed as design & build supplier for the new Modular Building to be used as the new Outpatients Department at University Hospital Waterford. The bespoke 960m<sup>2</sup> modular building was designed in-house, manufactured, and installed to a tight deadline.

**Start date being 01/05/2022 & finishing 27/01/2023.**



**9 MONTHS**



# PROJECT INFORMATION

Waterford University Hospital required a modular solution to provide accommodation for 2 outpatient clinics within their Dunmore Road Site in Waterford City. **A 960m<sup>2</sup> modular extension, valued at £3.2 million.**

The project was comprised of **32 steel frame modules** which were manufactured offsite ahead of schedule with internal mechanical & electrical installed onsite.



Working alongside the HSE Ireland, we were able to provide a rapid expansion to complement the existing Outpatient clinics in the main building.

Our offsite construction ensured a quick turnaround. The new building was successfully handed over ahead of schedule and within budget.



The modular building is incorporated to the existing setup within the hospital grounds. It delivers a new reception area, waiting room, two assessment rooms, 2 treatment rooms, 16no consulting rooms and 4 utility rooms. Providing additional areas for both staff and patients.



The Installation of the modular building on site was planned in advance with the hospital to ensure no impact on their day-to-day activities. Blue light routes were identified and avoided. Our two-way radio provider liaised with the hospital to ensure that these communication devices used for slinging the modules did not interfere with hospital communications.

The size and set timing of the use of mobile cranes, was advised to the hospital well in advance as well as location to ensure no minimal disruption.

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**M+E Designer** – Beattie Flanagan: 028 9079 4411

**Architect** – MMAS Architects: 028 9031 3923



# M&E PROJECT SPECIFICATIONS

**Heating** - With existing gas mains on site we provide the heating using gas radiant panels with heat recovery units.

**Energy usage was offset by installation of 22kw photovoltaic panels on roof.**

**Lighting**- energy efficient LED throughout with programmable PIR presence detection sensors.



M&E Systems commissioning was planned from an early stage of the project with our detailed design being completed with ease of commission ability in mind. Pre-commissioning including circuit testing was undertaken in our factory followed by full commissioning on site following MEP completions, and validation when client direct equipment (Group 2 and 3 equipment) was made available and installed.

Inspection and test plans were agreed with the HSE M&E Consultants allowing witnessing/certification to be completed as they required and a Client Demonstration timetable was agreed well in advance of project completion to ensure correct HSE personnel were available for demonstration and training in the systems use. In accordance with our soft landings procedures in advance of commissioning and demonstrations we carried out "hard hat" tours allowing clinicians and other hospital staff to view the building as it neared completion. Informal desktop familiarisation was also completed and this proved successful in teasing out queries that were fully addressed/resolved during the Client Demonstrations.

# WANT MORE INFORMATION?

## GET IN TOUCH

Interested in creating your own bespoke, high  
quality off-site project or modular building?

### CONTACT US TODAY

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