

Wicklow Hospice

Magheramore, Co. Wicklow

The Wicklow Hospice Project in Magheramore County Wicklow is a 15 bed Palliative care facility which also incorporates community care and a hub for home care countrywide. The frame was split level with basement being insitu concrete walls with precast floor slabs. The ground floor was a flat slab construction with rising blockwork walls taking glulam beams & trusses to support the roof structure. The glulam were then used as feature inside the building. The building envelope was a solid block with a Parex insulated render system to external walls and the roof was a mixture of pre insulated panels and also metals deck, tapered insulation with a PVC membrane finish. The roof construction was complicated with over 80 Velux roof lights over the flat and pitched areas along with over 50 service penetrations and PV panels. This complex roof took a number of workshops with the design team and roofing contractor to coordinate this.

Internally we took one bedroom and ensuite and fast tracked this a sample room to help with mechanical and electrical coordination and to get sample approval of sanitaryware, doors, timberwork, ironmongery, flooring and fitted furniture. Mechanically the heating was an underfloor system using air to heat with boiler back up, individual heat recovery units in the bedrooms where installed. Medical gasses were brought in and a vertical bed head trunking was integrated with the fitted furniture. Electrically the lighting was a KNX system, the nurse call was tied into the TV and wanderer alarm system at the clients request. All of the M&E items were part of the submittal process which guaranteed delivery in good time.

From the start of the project the Elliott's QA procedure was followed from pre pour and post pour check lists and then at inspection points throughout project with the emphasis on quality which aided the design team with BCAR inspections. Technical Submittals were used on all materials to ensure spec was met and delivery matched programme, again this assisted in pulling together all DoP's and CE certs for BCAR submittal. Co-ordination of the project was maintained with design team meetings every 2 weeks along with M&E coordination meetings and various workshops, daily whiteboard meeting were held with subtrades along with weekly meetings to resolve any on site issues. A commissioning programme was developed with all stakeholders and this was tracked on a weekly basis. Once all testing and commissioning is completed the Design Team were asked to attend a verification of commissioning review. Once this is completed, the end user will be invited to demonstrations and all of these will be documented.

The O&M manual is worked on before completion and all of the technical submissions information is stored for use in the O&M. The format is agreed with the Design Team and our full time QHSE officer keeps the O&M up to date on a constant basis. BCAR certs are also requested from the Supply chain early in the process to ensure an early BCAR compliance.



Client:	Wicklow Hospice Foundation
Value:	€7,750,000
Size:	15 Bed Palliative Care
Duration:	18 months
Architect:	Martin Noone Architects
Services Consultant:	JV Tierney & Co
C&S Engineering:	Cormac Mullen Consulting Engineers

