

# Committed to precision delivery through Digital Twin

**JJ Rhatigan**  
Building Contractors



*JJ Rhatigan & Company is a Tier 1 award winning main contractor at the forefront of the construction industry for over 65 years with offices in Galway, Dublin, Cork, Sligo and London.*

*We pride ourselves in delivering high quality, sustainable construction projects across a range of sectors all to exacting Client requirements. In 2018, the company achieved a turnover of €324m reflecting a substantial growth on the previous year and is on track for similar growth in 2019. JJ Rhatigan has 550+ employees and is currently involved in 26 projects with a combined value of almost €950m.*

An early adopter of BIM Level 2, JJ Rhatigan was one of the first BSI BIM Certified Tier 1 main contractors in Ireland. The BSI BIM Level 2 certification is highly sought after and verifies that our BIM management systems are recognised internationally.

All of our current projects are being delivered using our certified BIM processes at the highest level in the construction industry and include commercial, pharmaceutical, residential, education, hotel, civic & heritage and healthcare projects.

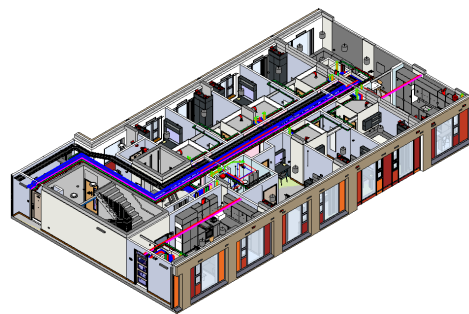
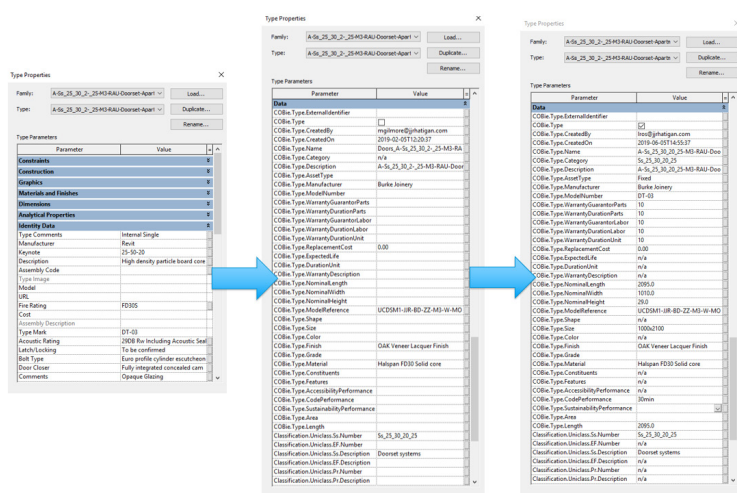
- First Irish Contractor to hold Autodesk Enterprise Licence
- Valued Autodesk contributor to the strategic development of Autodesk BIM 360 platform
- Monthly meetings held with Autodesk to give industry insight to use of Autodesk Platform & Tools
- Made strategic decision to transition to BIM in 2013
- BSI BIM Certified company since 2017





# Digital Twin UCD Student Residences

- UCD Student Residences consists of 3 phases
- The entire scheme will create a living campus community within University College Dublin
- Phase 1 = 3 separate residential buildings: 2 student accommodation blocks & student centre building
- Digital Twin Cluster is part of Phase 1



## Digital Twin - The Process

01. Auditing and Taking Ownership of the Design Team Models
02. Classifying the elements, creating the fields to be populated and populating the Instance fields
03. Link to the O&M Manual
04. Digression – Tracking the Technical Submittals
05. Creating (and mapping) Equipment
06. Capturing/Adding Information with the iPad

