

## **Role summary**

The Design Systems Technician is a key role to support the BIM & Design Systems Coordinator(s) including assisting to produce, organise, and maintain Revit projects in line with the Foster+Partners Revit Strategy.

Responsible for production of efficient and well-structured coordinated models, data and drawings that comply to Foster +Partners Standards to facilitate the delivery of consistent quality project deliverables.

A key role is to support project team(s) with Revit modelling and drawing production. Assist Architects to be more efficient, productive and familiar with the Revit and associated workflows. Excellent communication required at all times. As part of this to meet regularly with the BIM & Design Systems Coordinator to ensure that the project is compliant to Foster+Partners standards.

At a project level, to support project team(s) as required for all matters related to the Foster+Partners Revit Strategy and to deliver successful project(s). At times, required to work in the Central BIM Group depending on availability.

Support the BIM & Design Systems Coordinator and other project stakeholders, including BIM representatives to ensure a smooth workflow and production of Revit models, data transfer and project documentation.

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## **Role definition**

**Job Title:** Design Systems Technician

**Reporting to:** BIM & Design Systems Coordinator, and ultimately to the Head of BIM & Design Systems

## **Responsibilities**

Produce and maintain well-structured coordinated Revit Models to requested Level of Development.

- Produce and maintain complex, parametric Revit Families to requested Level of Development.
- Assist I help project team modelling 3D complex geometries.
- Assist I help project team with drawing production.
- Review I maintain Revit project files compliant to Foster+Partners Revit Strategy
- Implement best practice procedures
- Follow project BIM & Design System Coordinator instructions I task and assist with developing project best workflows.
- Provide one-to-one mentoring on Revit 'Best Practice' workflows to project teams as required.
- Identify and provide brief for programmatic design scripts for repetitive tasks.
- Thorough knowledge of and compliance with Foster+Partners Standards.

- Identify and report project software technical issues (license, add-ins not working), network slowness to Central BIM Support and IT support.
- Prepare models for issuance and processing of received models

### **Qualities and skills required**

- Strong working knowledge of Revit and Revit Family creations
- Experience working on complex and large-scale projects
- Able to demonstrate the ability to undertake the above responsibilities
- Legally able to work in the country in which the position is based
- Excellent communications skills both written and verbal
- Excellent organisational skills
- Able to meet tight deadlines and able to work alone or with a team
- Able to manage sensitive and sometimes confidential information
- Self-motivated and able to take responsibility
- Resilient to cope with conflicting demands, able to prioritise duties and work effectively under pressure while remaining calm and professional at all times
- Able to demonstrate initiative and a proactive approach to daily tasks
- Good interpersonal skills and able to work independently and as part of an effective team
- Flexible attitude
- Knowledge of latest version of AutoCAD, Microsoft Office and Office 365
- To contribute or otherwise assist as required
- Minimum 2-3 years working experience on large scale projects in Autodesk Revit and associated technologies
- Qualifications: Architecture or Architectural Technology degree or equivalent

### **Desirable**

- Experience working in an architectural/engineering production environment
- Knowledge of Dynamo for Revit, and the ability to read and write scripts
- Knowledge of the latest versions of Navisworks Manage, Rhino, Grasshopper, Enscape, V-Ray, Bluebeam, MicroStation, Solibri, Microsoft Office, BIM 360 Team I C4R

This description reflects the core activities of the role but is not intended to be all-inclusive and other duties within the group/department may be required in addition to changes in the emphasis of duties as required from time to time. There is a requirement for the post holder to recognise this and adopt a flexible approach to work. Job descriptions will be reviewed regularly and where necessary revised in accordance with organisational needs. Any major changes will be discussed with the post holder.

February 20