

# Foster + Partners

## Role Definition

**Job Title:** Design Systems Technician  
**Reporting to:** BIM & Design Systems Lead, and ultimately to the Head of BIM & Design Systems

## Overview

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

Excellent communication required at all times, including meeting regularly with the BIM & Design Systems Coordinator to ensure 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 Design Systems Strategy and to deliver successful project(s). At times, required to work in the Central BIM Group or across multiple Studio(s) 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.

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.

## Key Responsibilities

- Support the BIM & Design Systems Coordinator(s) and BIM & Design Systems Lead
- Implement best practice procedures
- Optimise Design Systems workflows
- Produce and maintain well-structured coordinated models
- Produce and maintain complex, parametric Revit Families
- Deliver content, model and drawings
- Assist in drawing production

## Common Responsibilities

- Follow project BIM & Design System Coordinator instructions, tasks and assist with developing project best workflows
- 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 to other stakeholders and processing of received models

## Required Qualities and Skills

- Able to demonstrate the ability to undertake the above responsibilities
- Legally able to work in the country in which the position is based
- Strong working knowledge of Revit, Revit Family creation, AutoCAD and Rhino

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- Experience working on complex medium to large-scale projects
- Excellent communications skills both written and verbal
- Excellent organisational skills
- Able to manage sensitive and often 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 and reliable attitude
- Architectural Technologist degree or equivalent

## **Desirable Qualities and Skills**

- 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 and 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.

27 February 2019 – Design Systems Technician