

David Roden Architects

Introduction















25 Strong Architectural Practice

Established in 2010

Employee Owned Practice (EOT)

- Architecture and Interior Design
- Masterplanning and Urban Design.
- Façade Design
- New Build and Refurbishment
- Mixed Use and Urban Renewal
- Offices and Technology Parks
- Education and Research Buildings
- High Density Residential
- Student Housing

Work in London UK and Internationally Including Russia, India, Middle East and Europe.

0	RIBA 琳		The RIBA Plan of Work 2013 organises the process of briefing, designing, constructing, maintaining, operating and using building projects hos a number of lay stages. The content of stages may vary or overap to suit specific project requirements. The RIBA Plan of Work 2013 should be used solely as guidance for the preparation of detailed professional services contracts and building contracts.					
RIBA Plan of Work 2013	° 🔿		² ()	³ ()	⁴ ()	⁵ ()	⁶ ()	7 ()
Tasks 🌩	Strategic Definition	Preparation and Brief	Concept Design	Developed Design	Technical Design	Construction	Handover and Close Out	In Use
Core Objectives	Identity client's Busitness Gase and Strategie Brief and other core project requirements.	Devotop Project Objectives, including Quality Objectives and Project Outcomes. Sustainability Aspirations, Project Budget, ofter parameters or constants and devotop initial Project Biol Undertaile Reability Studies and review of Site Information.	Proper Concept Design, Including outline proposals for structural design, building services systems, outline specifications and preliminary Cost Information acros with selvant Proget Strategies in accordance with Besign Programme Agree attentions to brief and lasse Final Project Brief.	Prepare Developed Design, instuding occrdinated and updating proposals for structural design, building services systems, outline specifications, Cost heremation and Project Strategies in accontance with Design Programme.	Propare Technical Design in accordance with Design Responsibility Matrix and Project Strategies to include all architectural, structural and building services information, specialist subcontractor design and specifications, in accordince with Design Programme.	Offsite menutacturing and onlife Construction in accordance with Construction Programme and resolution of Design Queries from site as they arise.	Handover of building and conclusion of Building Contract.	Undertaile In Use services in accordance with Schedule of Services
Procurement Variable task bar	Initial considerations for assembling the project team.	Precare Project Roles Table and Contractual Tree and contrue assembling the project lears.					Conclude administration of Building Contract.	
Programme Variable task bar	Estacilish Project Programme.	Review Project Programme.	Prevent Project Programme. The procurement note may dictate the Project Programme and may result in oritain stages everlapping or being undertainen concurrently. A tempohe RIGA Plan of Work 2013 will clarly the stage overlapping and table drogramme will set out the sports stage datas and classed more anneal works.					
(Town) Planning Variable task bar	Pre-application discussions.	Pre-application discussions.	Panning applications are typically made using the Stage J output. A bispole RIBA Rea of Work 2013 will dentify when the planning					
Suggested Key Support Tasks	Perview Feedback from previous projects.	Prepare Handover Strategy and Risk Assessments. Agree Schedule of Services, Design Responsibility Matrix and Information Exchanges and prepare Project Escusion Plan Including Technology and Communication Strategies and Blandards to be used.	Propers Sustainability Strategy, Maintenance and Operational Strategy and notow Handlover Strategy and Raik Assessments. Undersise third purt constulations as required and any Research and Development apocts. Review and update Project Execution Flan. Consider Construction Startegy, nouring offsite tabination, and develop Health and Safety Strategy.	Review and update Sustainability, Maintenance and Operational and Handwer Etrategies and Risk Assessments. Understate thind puny consultations are sociared and conclude Research and Development agoids. Review and update Project Execution Preventures. Review and update Project Execution Preventures Construction and Health and Sainty Strategies.	Review and spetite Sustainability, Maintenance and Operational and Handwore Strategies and Risk Assessments Propose and submit Building Regulations submitsion and any other third party submitsions awaining consent. Review and update Project Execution Plan. Review Construction Strategy, neutral sequencing, and update Health and States Strategy.	Review and update Sustainability Strategy and intojimmol Headower Strategy including appresented commissioning haring handowe, asset management, hure moralizing and maintenance and orgoing complation of Ma- constructed Information. Update Construction and Health and Ballety Strategies.	Cany out activities listed in Mandower Skrategy including Peedback for use during the fauth and the other of the fauth and the other of the fauth and the other of the latter projects. Updating of Prepect Information as required.	Conclude adhetes listed in Nandover Strategy Including Post-eccapancy Evaluation, nelvow of Project Destantion, and Research and Development aspects. Upstantig of Project Information, an incuired, in response to ongoing client Predback, usel the and of the building's life.
Sustainability Checkpoints	Sustainability Checkpoint — 0	Sustainability Checkpoint — 1	Sustainability Checkpoint - 2	Sustainability Checkpoint — 3	Sustainability Checkpoint - 4	Sustainability Checkpoint 5	Sustainability Checkpoint — 6	Sustainability Checkpoint — 7
Information Exchanges (it stage completion)	Strategic Brief.	Initial Project Brief.	Concept Design including outine structural and building services design, associated Project Strategies, preliminary Cost Information and Final Project Brief.	Developed Design, including the coordinated artivitectural, senctural and building senices disign and updated Cost Information.	Completed Technical Design of the project	'As-censtructed' Information.	Updated 'As-constructed' Information.	Va-constructed [®] Information updated in response to ongoing client Feedback and maintenance or operational developments.
UK Government Information	Not required.	Required.	Required.	Required.	Not required.	Not required.	Required.	Aaroquired.

Variable task bar - in creating a tempole project or practice specific REA Pan of Non 2010 via swee relapionshork.com a specific bar is selected from a number of options.

Where Does BIM Come Into The Design Process

RIBA Plan of Work

Stage 0 – Strategic Definition

Identify clients business case and brief and other core project requirements.

Stage 1 – Preparation and Brief

Undertake feasibility studies and review site information. Develop project objectives; including quality, project outcomes, sustainability aspirations, project budget, other parameters or constraints and develop initial project brief.

Stage 2 – Concept Design

Prepare concept design, including outline proposals for structural design, building services, outline specifications and preliminary cost information along with relevant project strategies in accordance with design programme.

Agree alterations to brief and issue final project brief.

Stage 3 – Developed Design

Prepare developed design including coordinated and updated proposals for structural, building services, outline specifications, cost information and project strategies in accordance with the design programme.



Where Does BIM Come Into The Design Process RIBA Plan of Work

Stage 4 – Technical Design

Prepare technical design in accordance with the design responsibility matrix and project strategies to include architectural, structural, building services information, specialist subcontractor design and specifications in accordance with the design programme.

Stage 5 – Construction

Offsite manufacture and onsite construction in accordance with the construction programme and resolution of design queries from site as they arise

Stage 6 – Handover and Close Out

Handover building and conclusion of building contract.

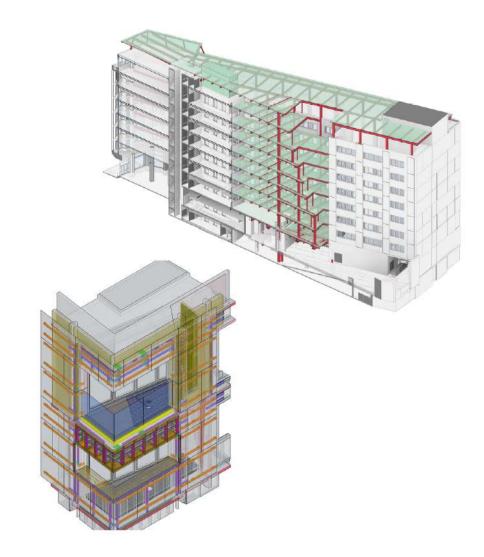
Stage 7 – In Use

Undertake 'in use' services and conclude activities within the handover strategy, including post occupancy evaluation, review of project performance and project outcomes.

How We Use Technology in The Design Process

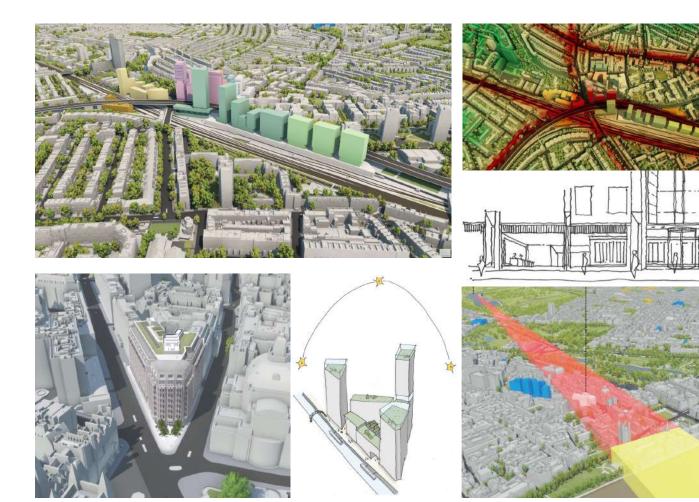
Developed, Technical Design and Construction Stages

- AUTOCAD
- REVIT

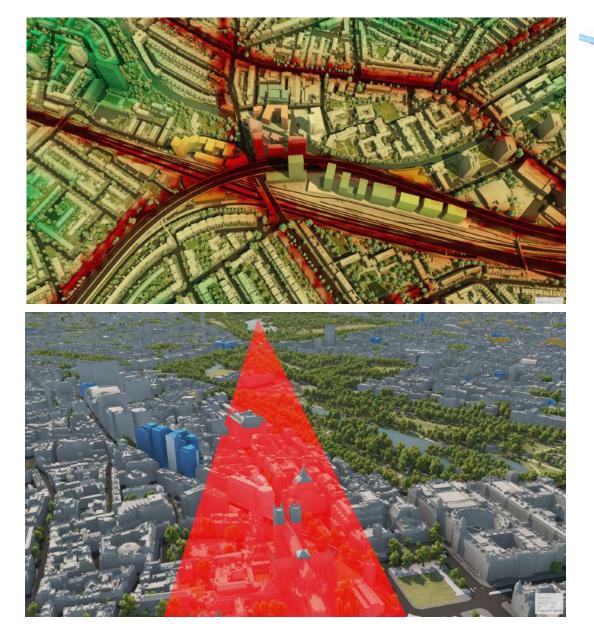


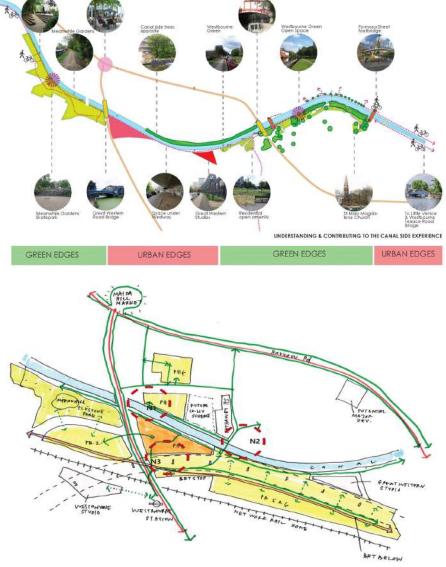
Stages Pre Design and Concept Stages

- Sketch-UP
- Rhinoceros
- VUCITY Digital Mapping Model
- Hand Sketching

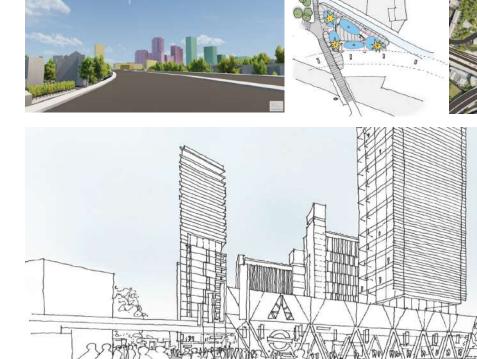


Brief and Strategic Definition Stage 0-1





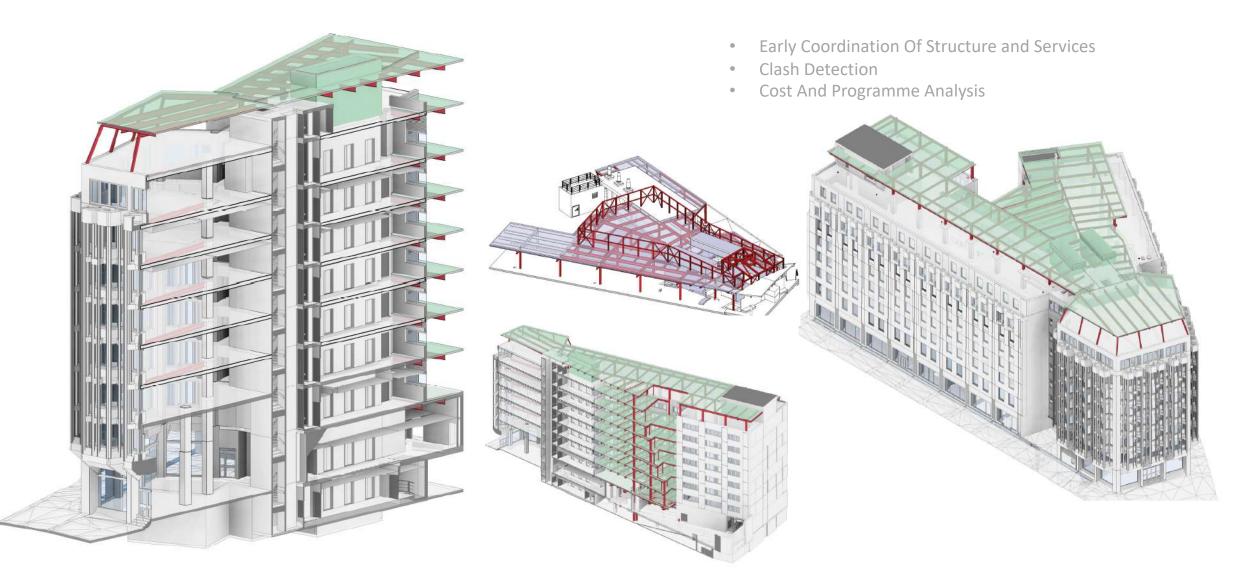




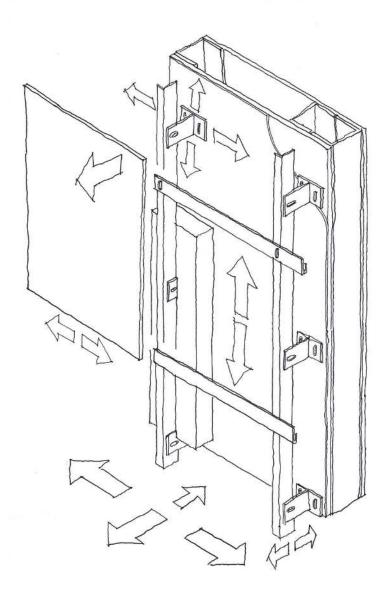
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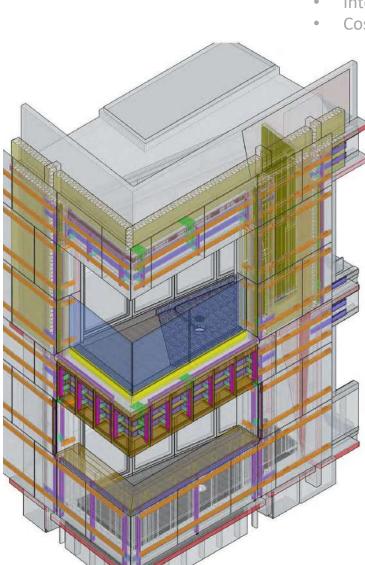


BIM And Creativity Developed Design – Stage 3

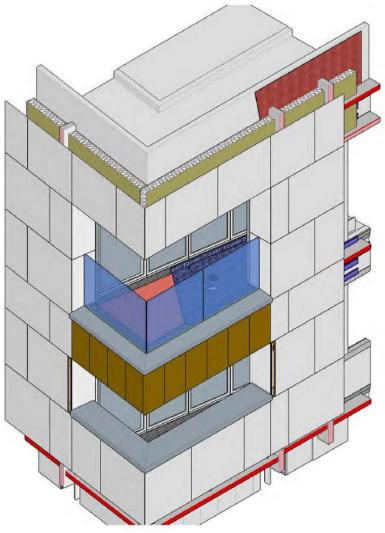


BIM And Creativity Technical Design – Stage 4





- 3D Technical Design and Co-ordination
- Integration of Contractor Design Information
- Cost And Programme Analysis















- Early Use Of BIM To Integrate Feasibility Design With VU-CITY •
- DRA At Forefront Of Use of VU-City in UK •
- Fast Analysis of Urban Context and Parameters •

In The Digital Age Of CAD, BIM and 3D All The Design Software We Use Are Just Tools For The Imagination.

As Architects Need A Balance of Design and Technical Skills Creative Flair Still Requires Ability To Draw and Sketch By Hand

'A great building must begin with the unmeasurable, must go through measurable means when it is being designed and in the end must be unmeasurable'.

Louis Kahn

