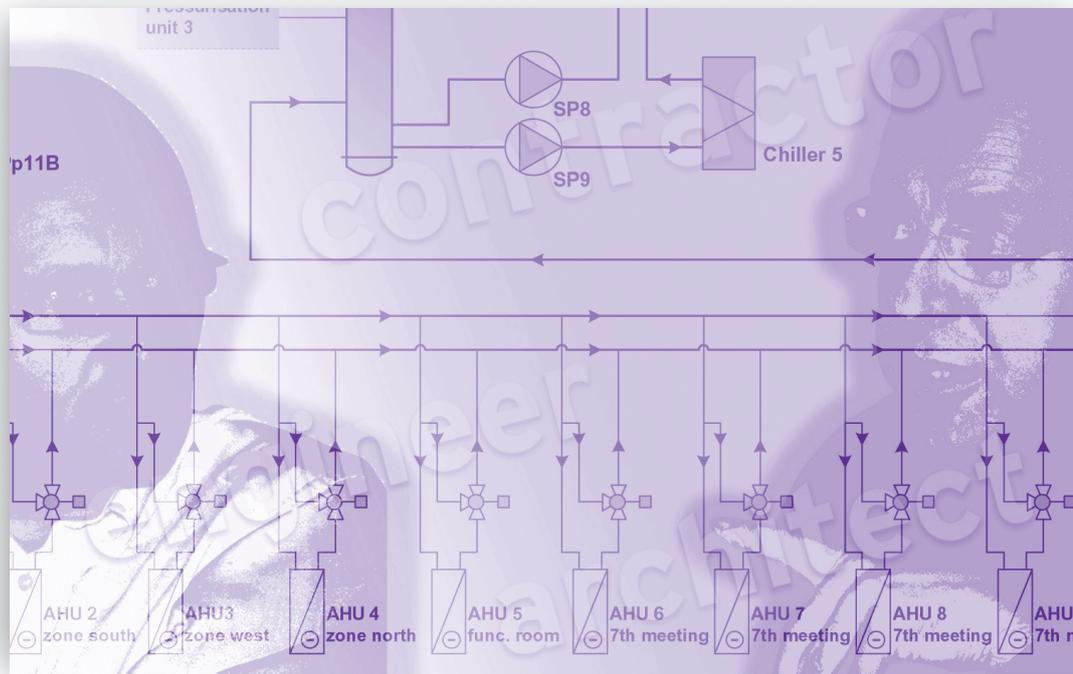


This third edition has been updated to incorporate design deliverables for BIM and definitions of building information models as well as drawings

A Design Framework for Building Services *3rd edition*



Design activities and drawing & model definitions
By David Churcher

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I INTRODUCTION

This revised edition of BSRIA Guide BG6 *Design Framework For Building Services* includes new material to help project teams agree and allocate design activities that are related to Building Information Management (BIM) and the production of building information models. It also includes some introductory material about BIM, including how this guide addresses some of the particular goals of the Government's BIM Strategy¹.

On-going developments and discussions in this area mean this is expected to be an interim edition only, and hard copies will not be published. More detail on how the development of BG6 ties in with wider industry work is given at the end of this introduction.

The text inherited from the 2nd edition of BG6 has also been revised, particularly to include more information about Soft Landings activities and also to separate Appendix A Pro-forma 5, which covered RIBA Stage F, into three parts. These cover RIBA Stages F1 and F2. Stage F1 has been further refined by splitting it into Stage F1a, for detailed design, and Stage F1b, for detailed co-ordination. This edition of BG6 also makes more explicit the distinction between Stages F2 and J/K. In particular, it has been decided to place all specific system design activities into Stage F2 rather than J/K, and retain J/K for activities primarily directed to manufacture and installation. In practice this has no effect on the relative sequence of activities, since Stages F2 and J/K run in parallel.

With the range of procurement routes and project supply chain structures now available, it is important for clients using BG6 to remember that their project may not need all the drawing types or models defined in Appendices C and D to be provided. Even where a particular drawing or model deliverable is not required, the design activities from the relevant pro-forma in Appendix A may still be required and should be indicated as such.

Some potential handover points between consultant, contractor and specialist designers are illustrated in Figure 1 regarding which models might be produced by whom, but these are neither prescriptive nor exhaustive.

¹ Government Construction Client Board's BIM Working Group Strategy Paper. Published May 2011. Available for download from <https://connect.innovateuk.org/web/process-efficiency>