BABOOM
THE BIM WIZARD

# Details Library: User Guide

Construction details for AutoCAD and Revit

05 November 2026
BBM-DETAILS-GUIDE
Companion to BBM-STD-70 Detail library

The office construction details at `BABOOM-BIM-STANDARD\02-LIBRARIES\03-DETAILS`: **426 details in 16 divisions**, taken from the office's own projects, cleaned, de-duplicated and filed by CSI MasterFormat. Use a library detail before drawing a new one.

## 1 What is inside

| Division | Details |
|---|---|
| 03 00 00 CONCRETE | 43 |
| 04 00 00 MASONRY | 7 |
| 05 00 00 METALS | 5 |
| 06 00 00 WOOD PLASTICS | 14 |
| 07 00 00 THERMAL AND MOISTURE | 12 |
| 08 00 00 OPENINGS | 125 |
| 09 00 00 FINISHES | 88 |
| 10 00 00 SPECIALTIES | 9 |
| 12 00 00 FURNISHINGS | 11 |
| 13 00 00 SPECIAL CONSTRUCTION | 1 |
| 21 00 00 FIRE SUPPRESSION | 2 |
| 22 00 00 PLUMBING | 20 |
| 23 00 00 HVAC | 18 |
| 31 00 00 EARTHWORK | 1 |
| 32 00 00 EXTERIOR IMPROVEMENTS | 60 |
| 33 00 00 UTILITIES | 10 |

`CATALOGUE.html` shows every detail with its preview. `01-BBM-DETAILS-LIBRARY\01-CAD` holds one .dwg per detail (Division › Level 2 › Level 3 › Section); `02-REVIT\BBM-DETAILS-LIBRARY-R23.rvt` holds them as drafting views; `INDEX.csv` lists them all.

## 2 Find and use a detail

**Find** 1
Open CATALOGUE.html. Search a material, element or code; filter by division or section.

**AutoCAD** 2
Click Copy path on the card, type INSERT in AutoCAD and paste the path. Each file is drawn at 1:1 in model space; the insertion point is its lower-left corner.

**Revit** 3
Insert › Insert from File › Insert Views from File, pick BBM-DETAILS-LIBRARY-R23.rvt (Revit 2023 or later) and select the drafting views.

## 3 The code

BBM-DET - 092116 - 004

BBM-DET: office detail
092116: MasterFormat section
004: number

BBM-DET-092116-004 is detail 004 of section 09 21 16 Gypsum Board Assemblies. Numbers are never reused. In Revit each view carries BBM_Code, BBM_Division, BBM_Level2, BBM_Level3 and BBM_Section: View › User Interface › Browser Organization › Views › New, group by BBM_Division then BBM_Level2, BBM_Level3, BBM_Section.

**Note.** The Revit file holds the first release of the details; details added later are in the CAD folders only until the Revit file is rebuilt. Details whose text named a client or project were held back.

**Waiting in 99-INTAKE: 37 structural and 51 MEP standard details** copied from the structural and MEP reference folders (reference details, general notes, expansion joints; drainage, water supply, HVAC, LPG, septic and valve chambers). Not approved yet: the BIM team checks each one, numbers it BBM-DET-<section>-<nnn> and files it by division. List: 99-INTAKE/INTAKE-LIST.csv.

## + Add a new item

**1 Drop it**
Copy the file into `03-DETAILS\99-INTAKE` with a one-line note: what it is, where it came from, licence, who asked.

**2 BIM team checks**
It works, holds no client or project data, is not a duplicate (same SHA-256) and may be used by the office.

**3 Filed and named**
The BIM team renames it (BBM-DET-<section>-<nnn>; the library is rebuilt, never hand-edited) and moves it to its numbered folder. Rejected items go to 98-ARCHIVE.

**4 Pages rebuilt**
build_all.py regenerates this guide, the catalogue and the front page. Nothing is deleted.

**Who to ask**
The BIM team: questions, corrections, installs and new items. Do not edit files in the library; it is read-only for users.