DTJ Interiors

TECHNICAL GUIDE · SP-03

Home office technical guide.

The sizes we build home offices to: desk height and depth, knee space, drawers and filing, shelf spans, chair space and where the cables go.

AT A GLANCE

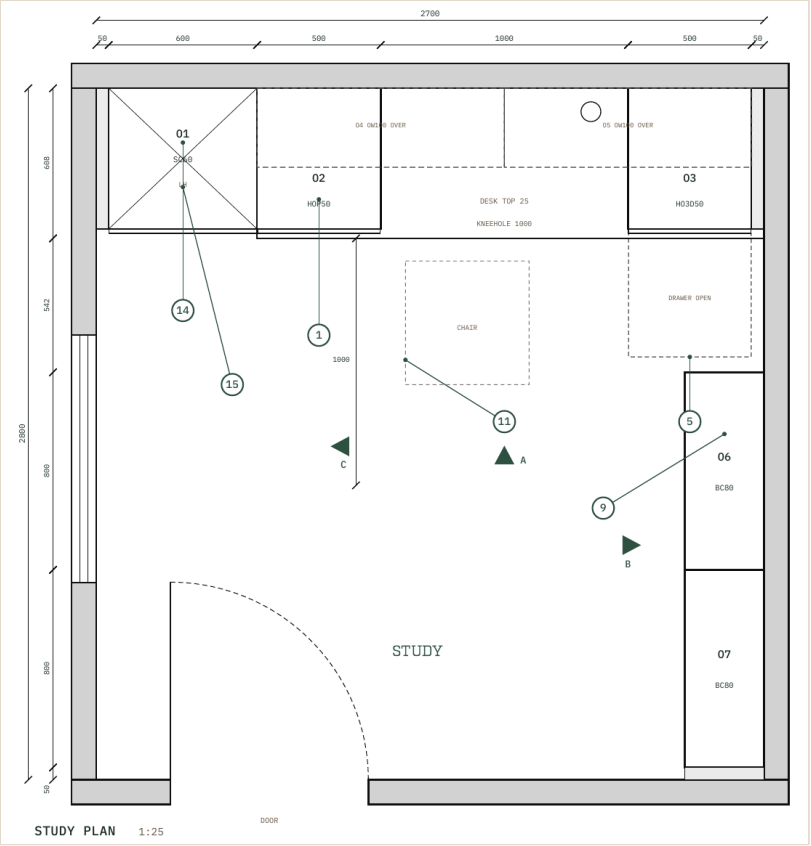
The sizes to plan with

What	Size	Good to know
Desk units	620mm high, 570mm deep	On a 100mm plinth
Desk top	25mm thick, top at 745mm	Within the 740mm ± 20mm that EN 527-1 asks for
Desk depth	600mm as standard	700–800mm for large or twin screens, made to measure
Knee space	At least 800mm wide	720mm clear under the top
Drawer pedestal	150 + 150 + 305mm fronts	Or three 202mm drawers
Filing unit	1240mm high	Four 305mm drawers with filing rails
Tall cupboards	1970mm high, 570mm deep	Tops at 2070mm on the plinth
Bookcases	1970mm high, 320mm deep	Tops at 2070mm on the plinth
Open wall units	720mm high, 320mm deep	Underside at 1350mm, about 600mm above the desk
Shelves	18mm up to an 800mm span	25mm over 800mm
Chair space	1000mm clear behind the desk front	1200mm where it's also a walkway
Long desk tops	A unit at both ends	Over 1200mm: a wall batten or a leg as well
Sockets	At least 150mm above the desk top	450–1200mm from the floor in new homes

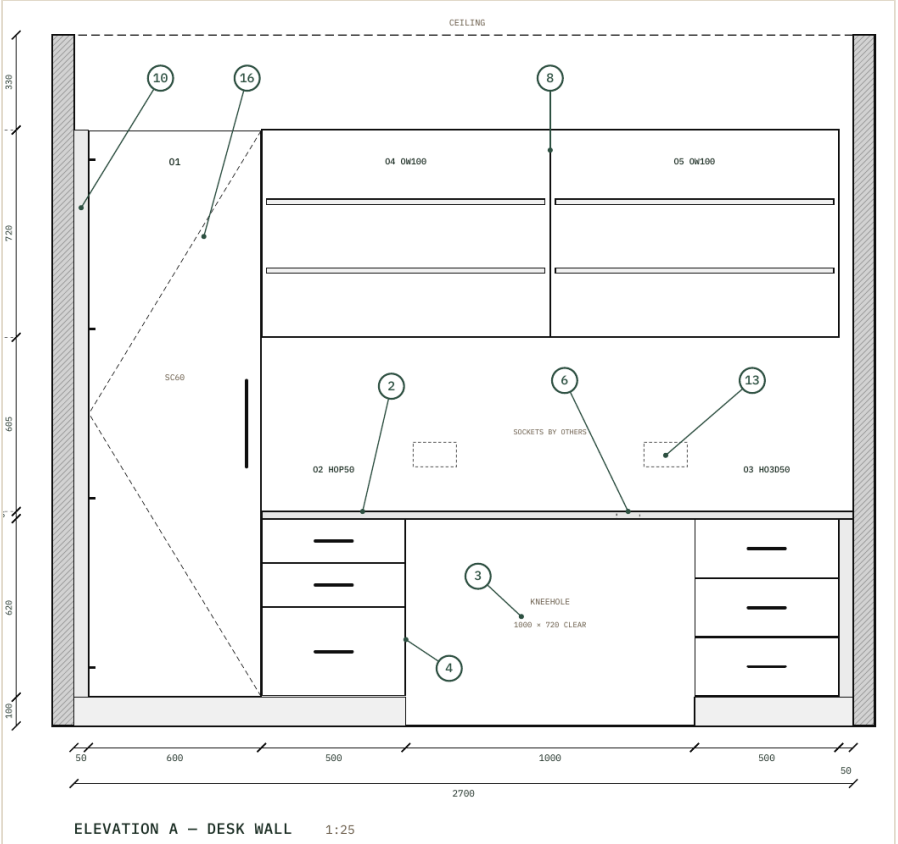
EXAMPLE DRAWINGS

How a home office is drawn

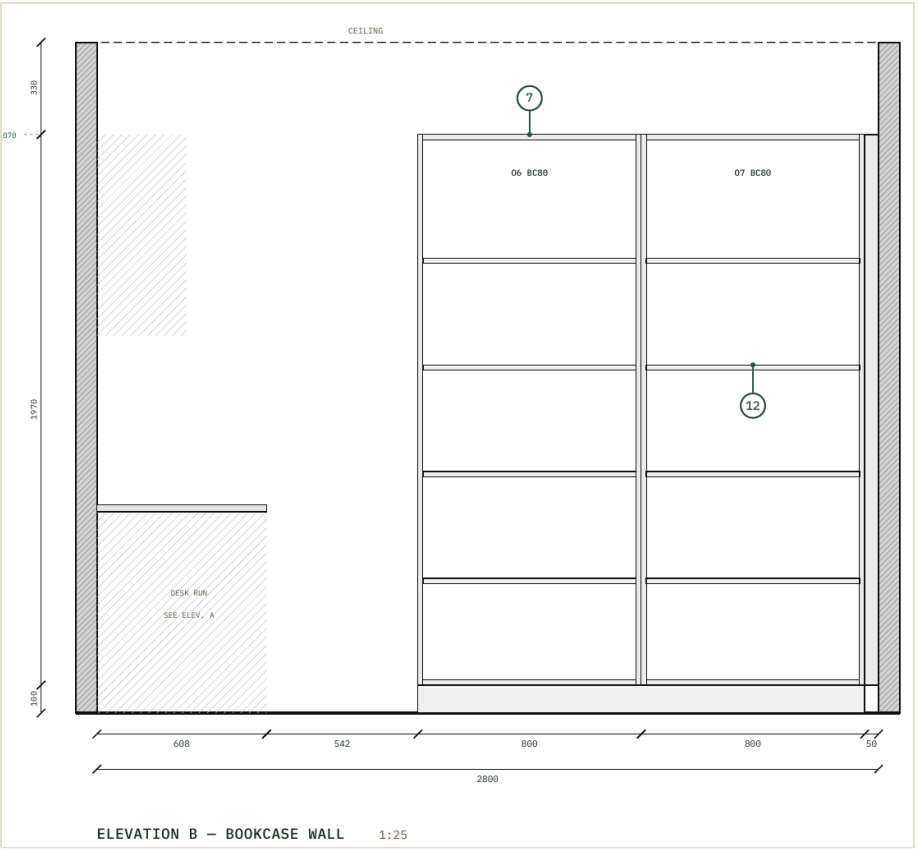
An example layout from our standard details (DTJ-SP-03). The numbers on the drawings are explained after them.



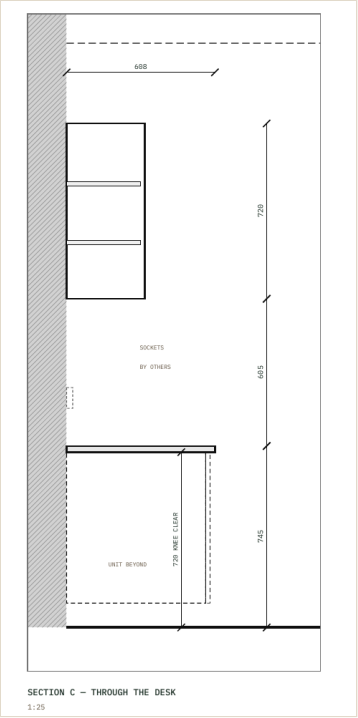
HOME OFFICE PLAN



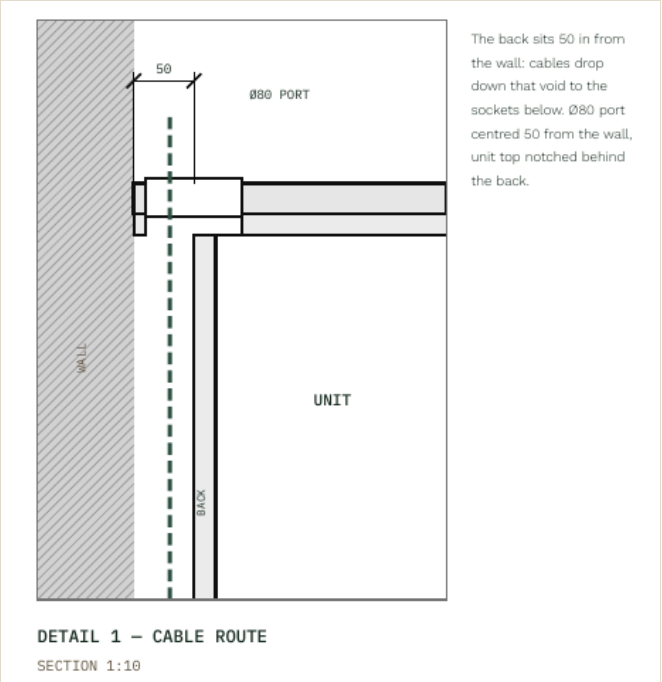
ELEVATION A: THE DESK WALL



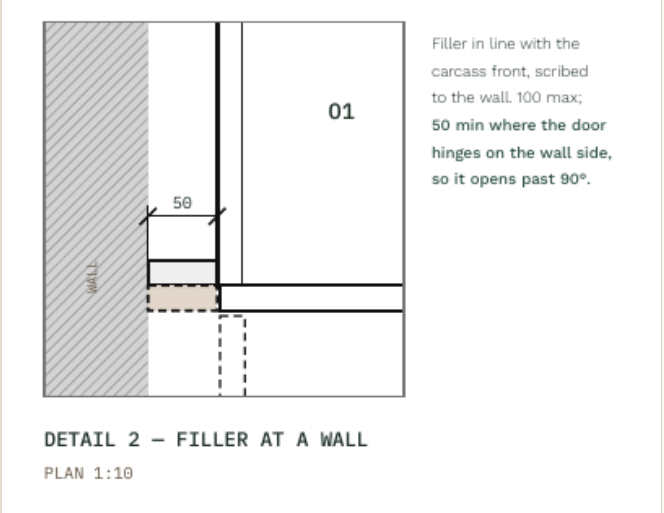
ELEVATION B: BOOKCASES AND CUPBOARDS



SECTION C: THROUGH THE DESK



DETAIL 1: THE CABLE ROUTE



DETAIL 2: FILLER AT A WALL

THE NUMBERS ON THE DRAWINGS

What the numbers mean

1. Our home office units are 620mm high and 570mm deep, on a 100mm plinth: a desk base with a door, a pedestal (150 + 150 + 305mm drawers), a three-drawer unit, and a 1240mm filing unit with rails. Handleless versions too.
2. A 25mm desk top on the units puts the top at 745mm, within the 740mm ± 20mm that EN 527-1 asks for. It overhangs 20mm at the front and is scribed to the wall.
3. The kneehole is at least 800mm wide, with 720mm clear under the top.
4. There's a pedestal or unit at both ends of every desk top. Tops over 1200mm long get a wall batten or a leg.
5. Drawers near a corner are kept clear of the next wall by the drawer's full opening plus 50mm.

6. Cables drop down the 50mm gap behind the recessed backs, with an 80mm cable port over it at each place you work. See detail 1.
7. Tall cupboards (1970 × 570mm) and bookcases (1970 × 320mm) stand on the plinth with their tops at 2070mm.
8. Open wall units over the desk are 320mm deep and 720mm high, with the underside at 1350mm.
9. Shelves are 18mm and adjustable on 32mm drilling up to an 800mm span; wider shelves are 25mm.
10. Fillers up to 100mm, scribed to the wall; at least 50mm where a door hinges against the wall. See detail 2.
11. Leave 1000mm clear behind the desk front for your chair, or 1200mm where it's also a walkway.
12. Desks are 600mm deep as standard; 700–800mm if you have large or twin screens.
13. Sockets and data points (by others) at least 150mm above the desk top, and 450–1200mm from the floor in new homes.
14. Unit numbers run O1, O2… clockwise from the door, starting with the first unit on the left. Wall units carry on the count.
15. LH or RH on the plan says which side a door hinges. On the elevations, the dashed lines meet at the hinge side.
16. Full-height doors are 5mm shorter than the cabinet, with four hinges up to 2200mm high and five above.

BEFORE WE MAKE IT

What to check and arrange

Sockets and data

Your electrician fits them: at least 150mm above the desk top, and 450–1200mm from the floor in new homes. Tell us where they are so we line up the cable ports.

Printers and computers

A PC tower or printer goes in a desk unit with no door or a vented back, with 50mm behind it for cables and air.

Screens

If you use large or twin screens, a 700–800mm deep desk gives you room. Tell us before we draw.

Measuring

Measure the walls at desk height and at the top, and floor to ceiling. We plan to within 25mm either side and scribe to the walls.

OPTIONS

Options and good to know

- Corner desks: an L of two tops joined with a bolted mitre, with a pedestal under each end.

- Floating desks and shelves on concealed brackets, made to measure.
- Bookcases with fixed shelves, angled ends and built-in LED lighting, made to order.
- Doors from BA, Bella or our own MDF range, or handleless with a J-pull or push-to-open.
- A desk in a bedroom, lined up with your fitted wardrobes on the same plinth.

YOUR DRAWINGS

How to read your drawings

Unit numbers

Each unit on your quote, drawings and job schedule has the same number, so you can check one against another.

Handing

LH or RH on the plan says which side a door hinges. On the elevations, the dashed lines on a door meet at the hinge side.

Elevations

An elevation is a wall seen straight on. The letters A, B and so on, with arrows on the plan, show which wall each one is.

Revisions

Your quote, drawings and job schedule all carry the same revision letter. We make exactly what is on the latest signed drawing.

Example layouts only: the drawings for your job always take priority. All sizes are in millimetres. Please don't scale off a drawing. Confirm every size and height on site before anything is made. On supply-only jobs, measuring and site checks are yours (or your fitter's).

Planning a home office?

Send your room sizes and a sketch to **info@dtjinteriors.co.uk**, call **0115 784 8231** or WhatsApp **07956 032306**, and we'll draw it and send a quote.

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