DTJ Interiors

TECHNICAL GUIDE · SP-04

Media wall technical guide.

How we plan a media wall: tower and media unit sizes, fire housings, TV heights and cabinets, and the cables and sockets to arrange before we make it.

AT A GLANCE

The sizes to plan with

What	Size	Good to know
Towers	Bookcases 1970mm high, 320mm deep	On a 100mm plinth, tops at 2070mm, a top panel scribed to the ceiling
Media units	570mm deep	On the plinth; drawer fronts 285mm
Fire housing shelf	120mm high, 330mm deep	1050–2250mm wide to suit panoramic fires
Fires	Electric inset fires only	Gas, solid-fuel fires and stoves can't be built in
TV back panel	1500mm high, cut to suit	The TV bracket fixes through it into the wall
TV height	Centre 1050–1150mm from the floor	Over a fire, as low as the fire maker allows
Viewing distance	About 1.5–2.5 times the screen size	A 65" TV: about 2.5–4.1m
Fillers	Up to 100mm each end	Scribed to the wall
Floating media units	Underside about 300mm	Made to measure

OPEN TV CABINETS

TV cabinet sizes

Screen	Opening, width × height (mm)	Good to know
43"	1100 × 680	320mm deep, about 50mm clear round the TV
50"	1250 × 770	
55"	1360 × 830	
60"	1470 × 890	
65"	1580 × 950	
70"	1690 × 1020	

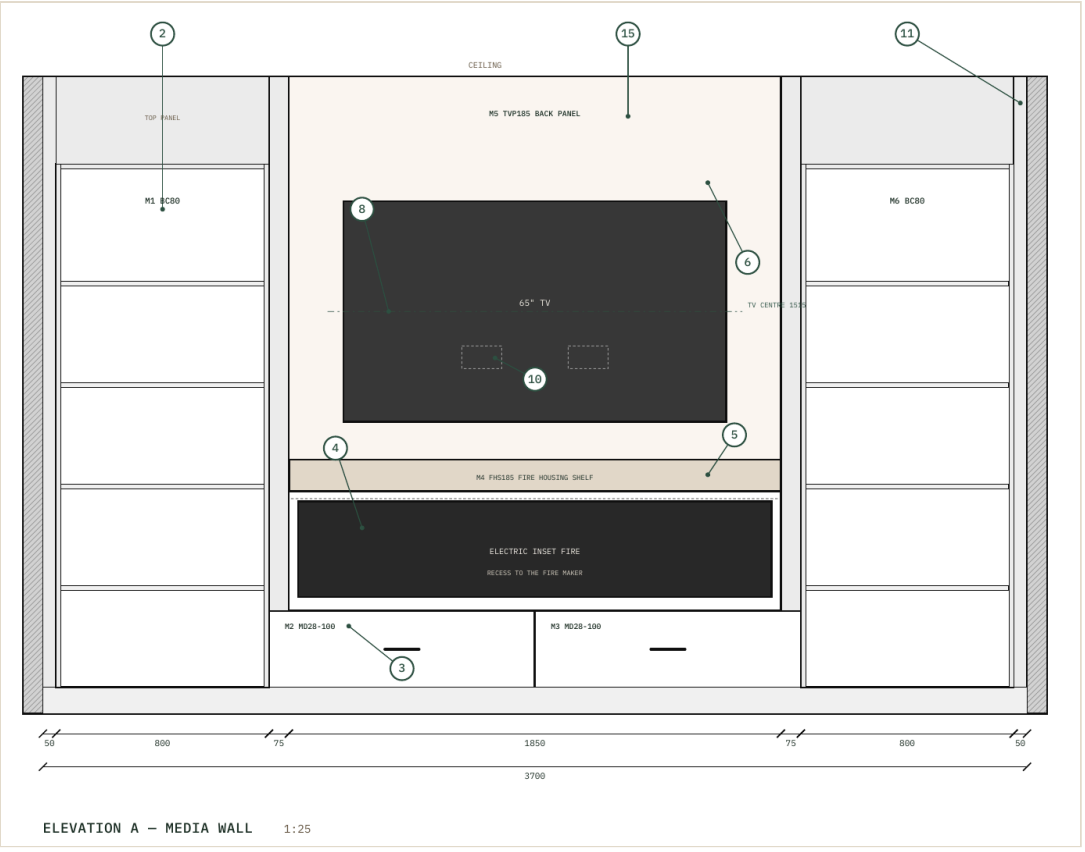
Screen	Opening, width × height (mm)	Good to know
75"	1820 × 1080	
80"	1910 × 1140	
85"	2030 × 1200	

Check your TV's own size: models with the same screen size differ.

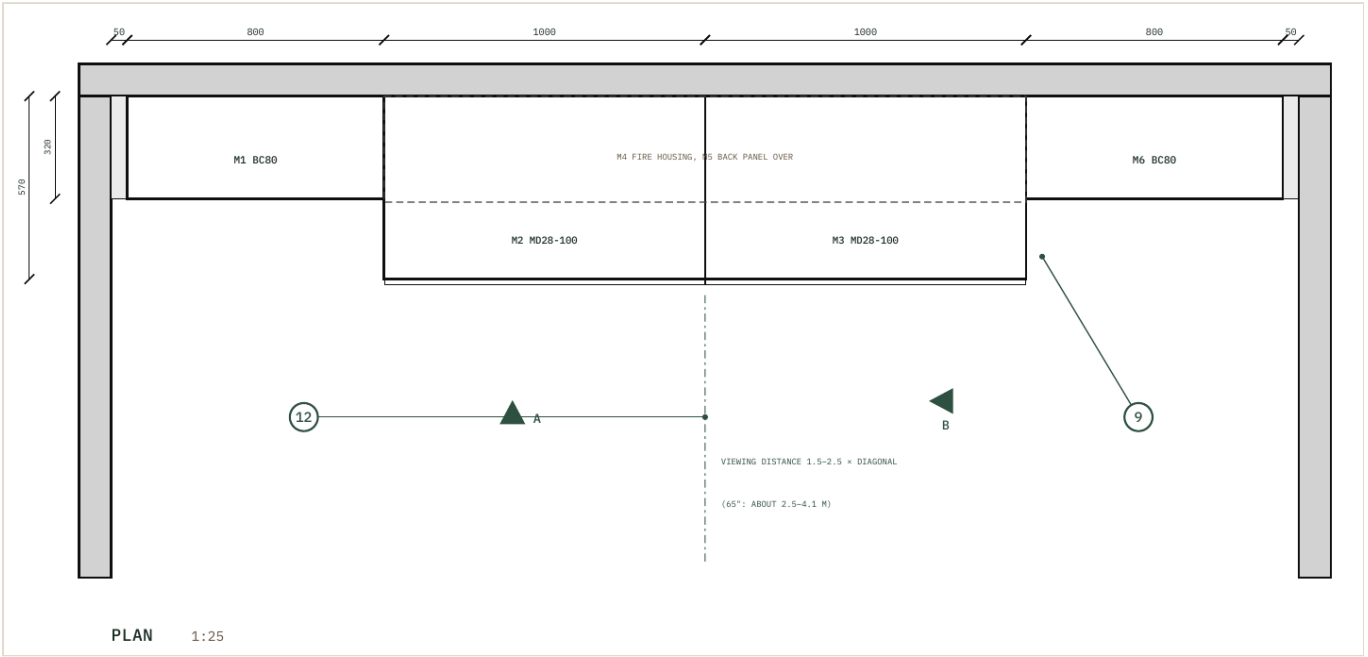
EXAMPLE DRAWINGS

How a media wall is drawn

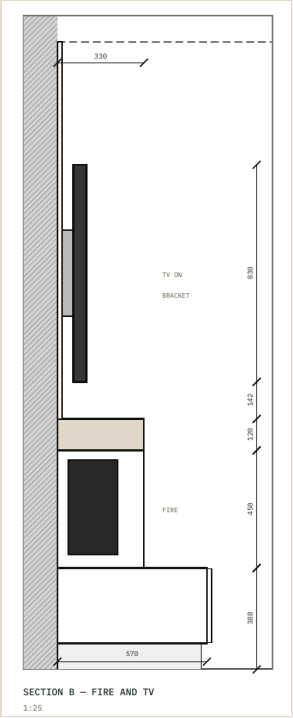
An example layout from our standard details (DTJ-SP-04). The numbers on the drawings are explained after them.



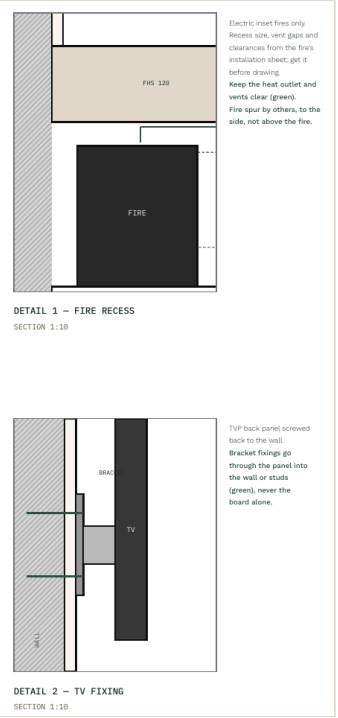
ELEVATION A: THE MEDIA WALL



PLAN



SECTION B: THROUGH THE FIRE AND TV



DETAILS: FIRE HOUSING AND TV PANEL

THE NUMBERS ON THE DRAWINGS

What the numbers mean

1. Every part is made from DTJ units in our workshop: towers, media units, a fire housing and a TV back panel (or an open TV cabinet), all 18mm Egger board.
2. Towers are bookcases (1970 × 320mm) on the 100mm plinth, tops at 2070mm, with a top panel scribed to the ceiling.
3. Media units are 570mm deep on the plinth: drawer units have 285mm fronts.
4. Electric inset fires only. The recess, vents and clearances follow the fire maker's instructions. See detail 1.
5. The fire housing shelf is 120mm high and 330mm deep, 1050–2250mm wide to suit panoramic fires.
6. The TV hangs on a back panel (1500mm high, cut to suit) fixed to the wall; the bracket fixes through it. See detail 2.
7. Or an open TV cabinet instead of a back panel: 320mm deep, about 50mm clear round the TV. Sizes in the table.
8. With no fire, the centre of the TV sits about 1050–1150mm from the floor. Over a fire, as low as the fire maker allows (1515mm on this example).
9. Cables run in conduit (by others) from the TV down behind the units. The recessed backs leave a 50mm gap down to the media units.
10. Sockets and data behind the TV and in the media units are fitted by others.
11. Fillers up to 100mm at each end, scribed to the wall.
12. A comfortable viewing distance is about 1.5–2.5 times the screen size.
13. Slatted, fluted or painted MDF panels behind the TV or on the towers, made to measure.
14. LED strip in grooves under the shelves, with the drivers where they can be reached.
15. Unit numbers run M1, M2… left to right as you face the wall, lower units before upper.

BEFORE WE MAKE IT

What to check and arrange

Your fire

Send us the fire's make and model and its installation sheet before we draw. Only electric inset fires can be built in: our board is combustible.

Your TV

Send us the TV model and the bracket you'll use, so the panel or cabinet fits it.

Cables

Conduit from the TV position down behind the units is fitted by others before the wall goes up.

Sockets and data

Behind the TV and in the media units, fitted by your electrician. The fire's spur goes to one side, where it can be reached.

Measuring

Measure the wall width at several heights and floor to ceiling. We plan to within 25mm either side and scribe to the walls.

OPTIONS

Options and good to know

- Slatted, fluted or painted MDF panels, made to measure.
- LED strip lighting under the shelves.
- Open niches or fabric fronts for speakers and soundbars.
- Floating media units on concealed hangers.
- Doors and fronts from BA, Bella or our own MDF range, or handleless.
- Deeper fire housings, made to measure.

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 media wall?

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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