



LARGE PROJECT CASE STUDY

£100-£120K

BEFORE





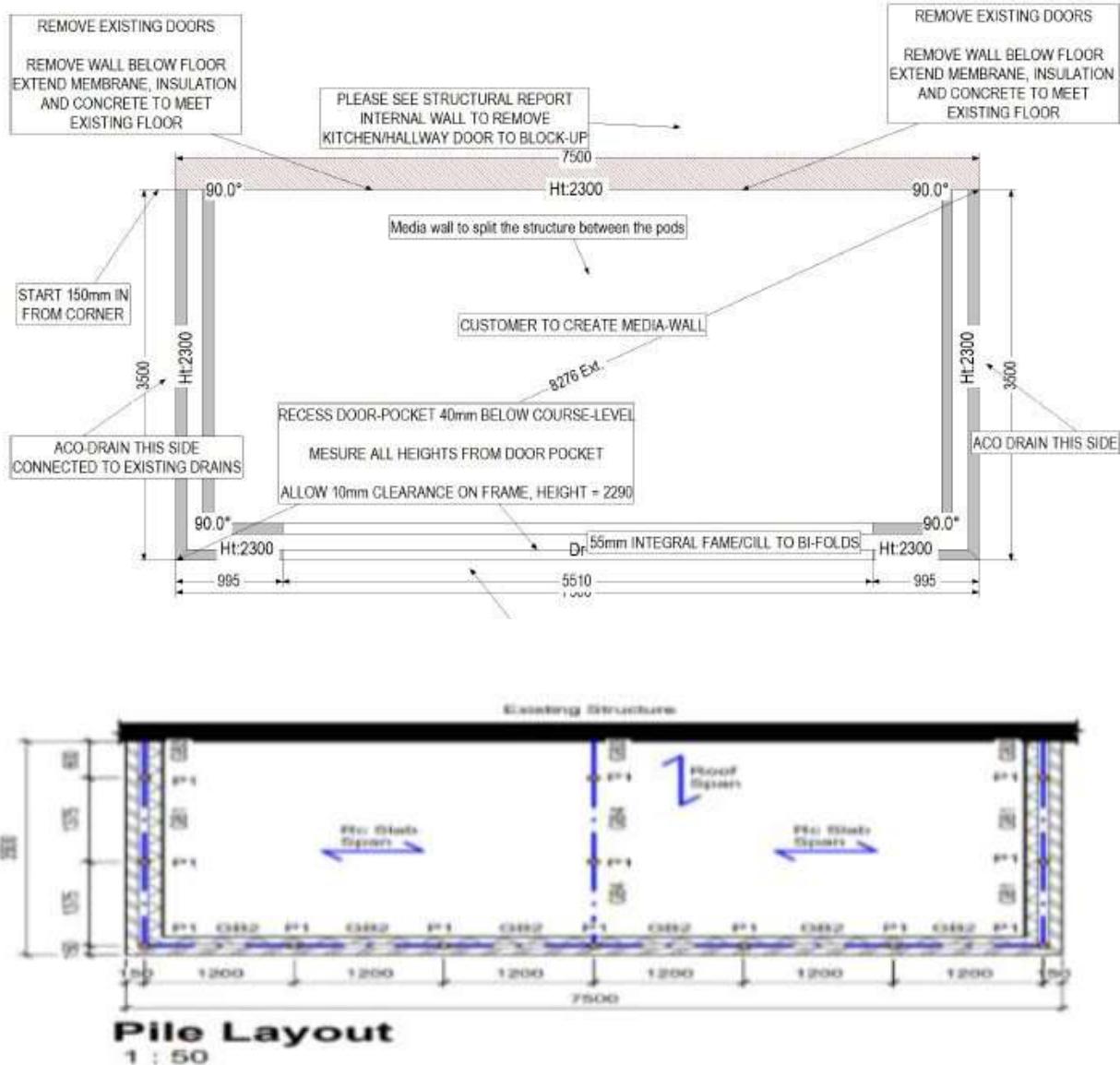
Client Brief: Create a warm, open-plan family living space by converting the existing lounge into a dining room for large family meals and structurally opening the kitchen to flow seamlessly into a new extension. The design will maximise light and garden connection with front-facing bi-folding doors and a double aluminium orangery lantern roof, while a central feature media wall with a double-sided fireplace will define the seating and bar-areas within the space.



Design: The client brief was carefully interpreted through a combination of showroom visits, our 2D CAD system, and advanced design software. This process allowed us to develop fully rendered visuals that accurately reflected the client's vision and delivered a perfectly tailored design solution.



Base works: Prior to construction, a full test dig, soil investigation and drain survey were undertaken, confirming the need for a fully engineered piled foundation to meet Local Authority Building Control requirements. The build incorporates reinforced steel piles driven 5-7m deep with a structural concrete cage, an insulated and fully vented concrete floor built up to match existing levels, and insulated double-skinned walls finished with matching brickwork, 150mm insulation, and internal blockwork.

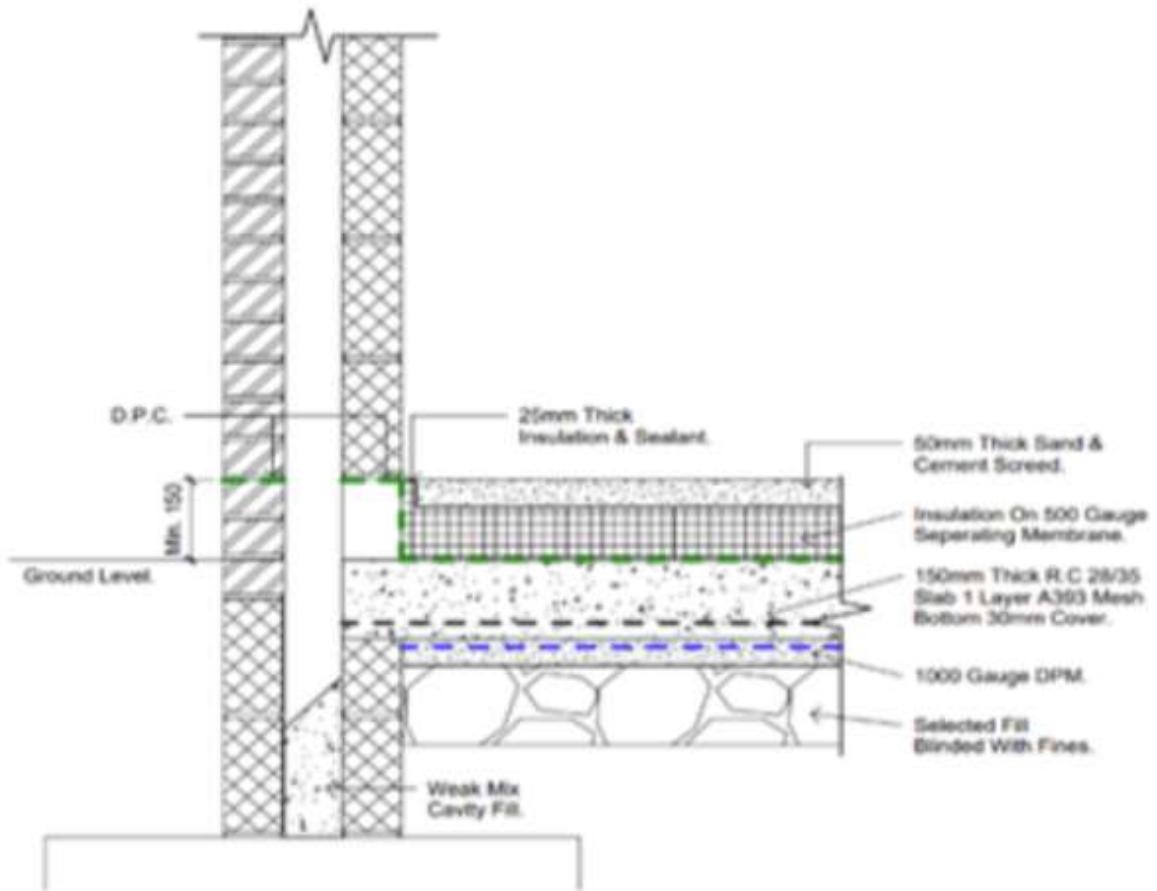


PILING



BASEWORK

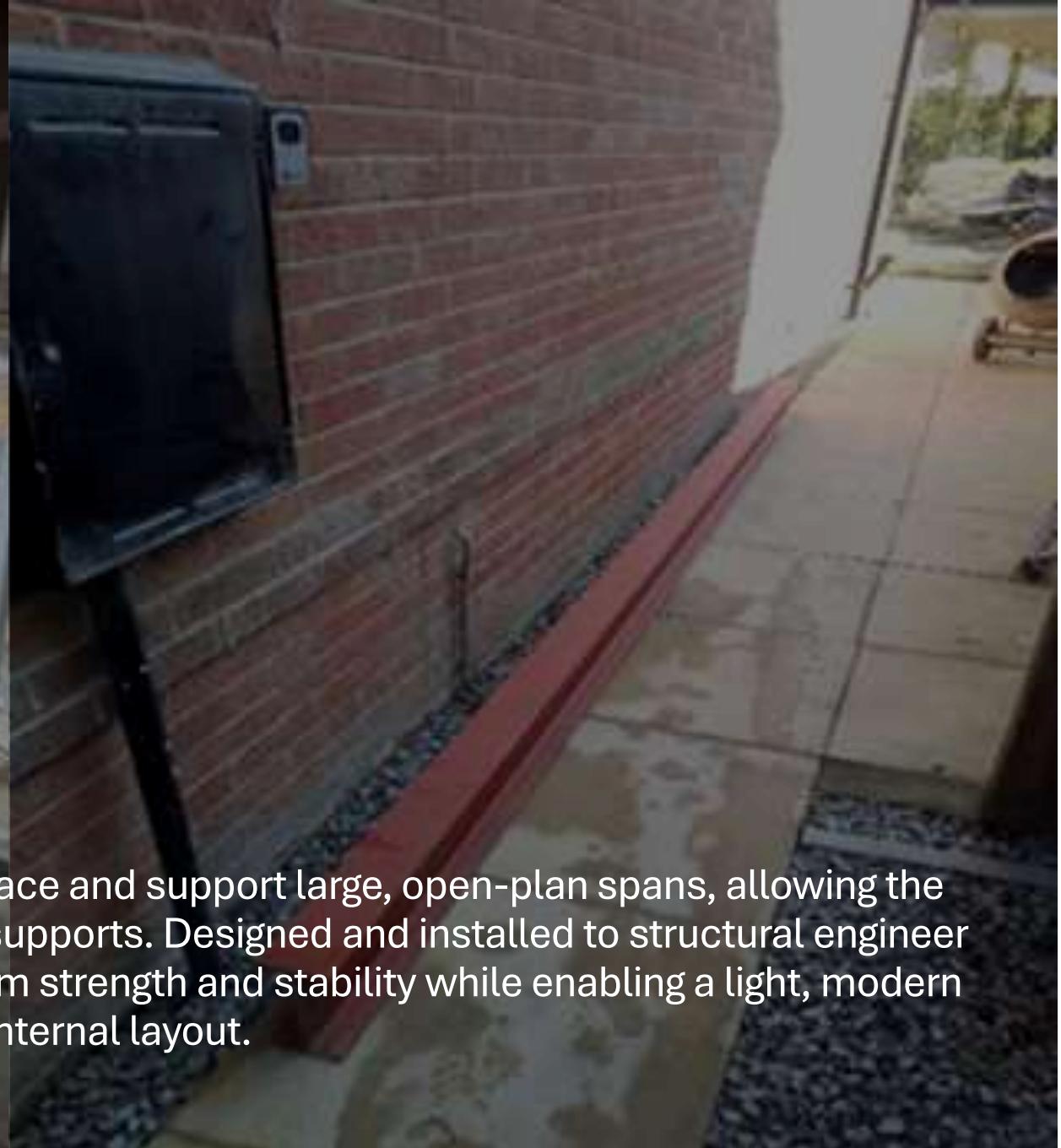
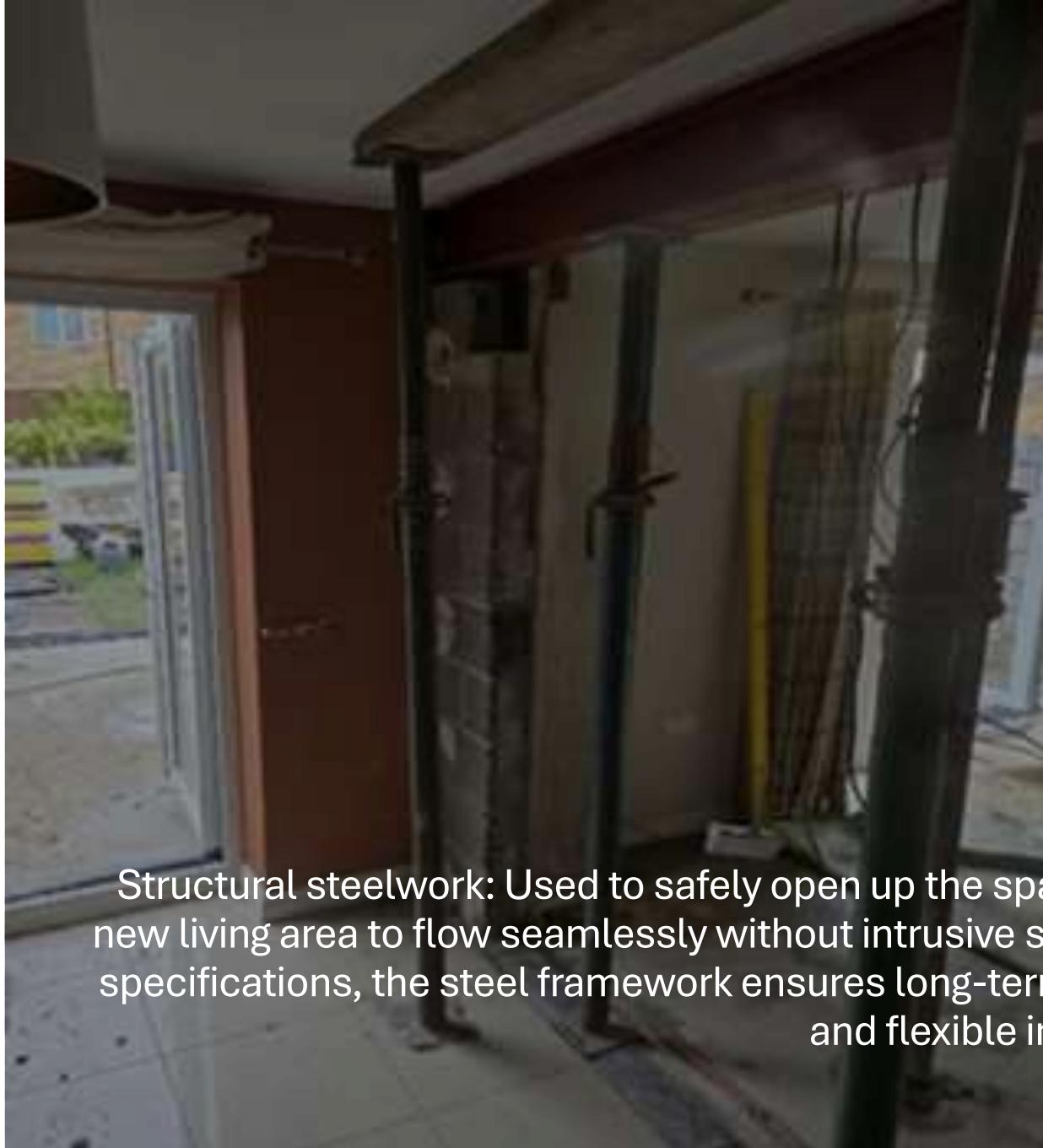




Robust Detail



WALL CONSTRUCTION



Structural steelwork: Used to safely open up the space and support large, open-plan spans, allowing the new living area to flow seamlessly without intrusive supports. Designed and installed to structural engineer specifications, the steel framework ensures long-term strength and stability while enabling a light, modern and flexible internal layout.

ROOF CONSTRUCTION





AFTER





Completion: We over delivered the client brief by creating a bright, open-plan family space that seamlessly connects the kitchen, new dining area and extension, allowing the former space to be repurposed for large family meals. Feature bi-folding doors, a double lantern roof and a central media wall with a double-sided fireplace define the seating and bar areas while maximising light and linking the home to the garden.





✓ Verified

6 Nov 2025

Changed our Life...

We got an extension done by CO Home Improvements in order to get a bigger space for family meals. The new space is now the lounge and bar area and we absolutely love it.

The whole project took just over 8 weeks and is finished to an amazing standard. Communication was always good and we were kept informed. They are always on hand to help with queries and we are so happy with our new space.

